Date & Time Filed: Jun 26 2018 7:27:38:936PM File Number: SES-MOD-INTR2018-03253

FCC APPLICATION FOR SPACE AND EARTH STATION:MOD OR AMD – MAIN FORM	FCC Use Only
FCC 312 MAIN FORM FOR OFFICIAL USE ONLY	

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:

Modification to Add Additional VSAT Network Sites

gal Name of Ap	plicant		
Name:	Alaska Communications Internet, LLC	Phone Number:	907–297–3000
DBA Name:		Fax Number:	907–297–3153
Street:	600 Telephone Avenue	E-Mail:	Lisa.Phillips@acsalaska.com
	MS #60		
City:	Anchorage	State:	AK
Country:	USA	Zipcode:	90503 –
Attention:	Ms. Lisa Phillips		

9–16. Name of Contact Representative

Name: Richard Cameron Phone Number: 2022304962

Company: LMI Advisors **Fax Number:**

Street: 2550 M Street NW E-Mail: rcameron@lmiadvisors.com

Suite 343

City: Washington State: DC

Country: USA Zipcode: 20037–

Attention: Mr. Richard Cameron **Relationship:** Other

CLASSIFICATION OF FILING

17. Choose the button next to the classification that applies to this filing for both questions a. and b. Choose only one for 17a and only one for 17b.

a1. Earth Station

a2. Space Station

(N/A) b1. Application for License of New Station

(N/A) b2. Application for Registration of New Domestic Receive-Only Station

b3. Amendment to a Pending Application

b4. Modification of License or Registration

b5. Assignment of License or Registration

b6. Transfer of Control of License or Registration

b7. Notification of Minor Modification

(N/A) b8. Application for License of New Receive-Only Station Using Non-U.S. Licensed Satellite

(N/A) b9. Letter of Intent to Use Non–U.S. Licensed Satellite to Provide Service in the United States

(N/A) b10. Other (Please specify)

(N/A) b11. Application for Earth Station to Access a Non–U.S.satellite Not Currently Authorized to Provide the Proposed Service in the Proposed Frequencies in the United States

(N/A) b12. Application for Database Entry

b13. Amendment to a Pending Database Entry Application

b14. Modification of Database Entry

 17c. Is a fee submitted with this application If Yes, complete and attach FCC Form Governmental Entity Other(please explain): 	159. If No, indicate reason for fee exemption (se	e 47 C.F.R.Section 1.1114).
17d. Fee Classification CGX – Fixed Satellite Testation	Transmit/Receive Earth	
18. If this filing is in reference to an existing station, enter:(a) Call sign of station: E170205	19. If this filing is an amendment to a pending apmodification please enter only the file number: (a) Date pending application was filed:	oplication enter both fields, if this filing is a (b) File number: SESMOD2018041300352

TYPE OF SERVICE

20. NATURE OF SERVICE: This filing is for an authorization to provide or use the following type(s) of services	ce(s): Select all that apply:
a. Fixed Satellite	
b. Mobile Satellite	
c. Radiodetermination Satellite	
d. Earth Exploration Satellite	
e. Direct to Home Fixed Satellite	
f. Digital Audio Radio Service	
g. Other (please specify)	
21. STATUS: Choose the button next to the applicable status. Choose 22. If earth station applicant, check a	all that apply.
only one. Using U.S. licensed satellites	
Common Carrier Non-Common Carrier Using Non-U.S. licensed satelli	tes
23. If applicant is providing INTERNATIONAL COMMON CARRIER service, see instructions regarding Sec facilities:	. 214 filings. Choose one. Are these
Connected to a Public Switched Network Not connected to a Public Switched Network N/A	
24. FREQUENCY BAND(S): Place an 'X' in the box(es) next to all applicable frequency band(s).	
a. C–Band (4/6 GHz) b. Ku–Band (12/14 GHz)	
c.Other (Please specify upper and lower frequencies in MHz.)	
Frequency Lower: Frequency Upper: (Please specify additional frequencies in an attachment)	

TYPE OF STATION

25. CLASS OF STATION: Choose the button next to the class of station that applies. Choose only one.	
a. Fixed Earth Station	
• b. Temporary–Fixed Earth Station	
c. 12/14 GHz VSAT Network	
b. Temporary–Fixed Earth Station c. 12/14 GHz VSAT Network d. Mobile Earth Station e. Geostationary Space Station f. Non–Geostationary Space Station g. Other (please specify)	
e. Geostationary Space Station	
f. Non–Geostationary Space Station	
g. Other (please specify)	
26. TYPE OF EARTH STATION FACILITY:	
Transmit/Receive Transmit-Only Receive-Only N/A	
"For Space Station applications, select N/A."	

PURPOSE OF MODIFICATION

27. The purpose of this proposed modification is to: (Place an 'X' in the box(es) next to all that apply.)
a — authorization to add new emission designator and related service
b — authorization to change emission designator and related service
c — authorization to increase EIRP and EIRP density
d — authorization to replace antenna
e — authorization to add antenna
f — authorization to relocate fixed station
g — authorization to change frequency(ies)
h — authorization to add frequency
i — authorization to add Points of Communication (satellites & Double
j — authorization to change Points of Communication (satellites & p; countries)
k — authorization for facilities for which environmental assessment and
radiation hazard reporting is required
1 — authorization to change orbit location
m — authorization to perform fleet management
n — authorization to extend milestones
o — Other (Please specify)

ENVIRONMENTAL POLICY

impact as defined by 47 CFR 1.1307? If YES, submit the statement as required by Sections 1.1308 and 1.1311 of the Commission's rules, 47 C.F.R. 1.1308 and 1.1311, as an exhibit to this application. A Radiation Hazard Study must accompany all applications for new transmitting facilities, major modifications, or major amendments.	•		~			
ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aeron aeronautical fixed radio station services are not required to respond to Items 30–34.	autic	al en	ı rou	ite or		
29. Is the applicant a foreign government or the representative of any foreign government?	0	Yes	•	No		
30. Is the applicant an alien or the representative of an alien?	0	Yes	0	No	•	N/A
31. Is the applicant a corporation organized under the laws of any foreign government?	0	Yes	0	No	•	N/A
32. Is the applicant a corporation of which more than one—fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	0	Yes	0	No	•	N/A

 $lackbox{ Yes } lackbox{ No}$

28. Would a Commission grant of any proposal in this application or amendment have a significant environmental

33. Is the applicant a corporation directly or indirectly controlled by any other corporation of which more than one–fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	0	Yes	0	No	1 🗨	N/A
34. If any answer to questions 29, 30, 31, 32 and/or 33 is Yes, attach as an exhibit an identification of the aliens or foreign entities, their nationality, their relationship to the applicant, and the percentage of stock they own or vote.						
BASIC QUALIFICATIONS						
35. Does the Applicant request any waivers or exemptions from any of the Commission's Rules? If Yes, attach as an exhibit, copies of the requests for waivers or exceptions with supporting documents.		•	Yes	() No	•
36. Has the applicant or any party to this application or amendment had any FCC station authorization or license revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission? If Yes, attach as an exhibit, an explination of circumstances.		0	Yes	•	No.)

37. Has the applicant, or any party to this application or amendment, or any party directly or indirectly controlling the applicant ever been convicted of a felony by any state or federal court? If Yes, attach as an exhibit, an explination of circumstances.	• Yes	⊚ No
38. Has any court finally adjudged the applicant, or any person directly or indirectly controlling the applicant, guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement or any other means or unfair methods of competition? If Yes, attach as an exhibit, an explanation of circumstances	• Yes	No
39. Is the applicant, or any person directly or indirectly controlling the applicant, currently a party in any pending matter referred to in the preceding two items? If yes, attach as an exhinit, an explanation of the circumstances.	• Yes	⊘ No
40. If the applicant is a corporation and is applying for a space station license, attach as an exhibit the names, address, and citizenship of those stockholders owning a record and/or voting 10 percent or more of the Filer's voting stock and the percentages so held. In the case of fiduciary control, indicate the beneficiary(ies) or class of beneficiaries. Also list the names and addresses of the officers and directors of the Filer.		

41. By checking Yes, the undersigned certifies, that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti–Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes.	• Yes	O No
42a. Does the applicant intend to use a non–U.S. licensed satellite to provide service in the United States? If Yes, answer 42b and attach an exhibit providing the information specified in 47 C.F.R. 25.137, as appropriate. If No, proceed to question 43.	Yes	O No
	Technical App	endix
42b. What administration has licensed or is in the process of licensing the space station? If no license will be issued coordinated or is in the process of coordinating the space station? Mexico	l, what administr	ation has
13. Description. (Summarize the nature of the application and the services to be provided). (If the complete description, please go to the end of the form to view it in its entirety.)	iption does not a	opear in this
Modification to add 10 new sites to the C-band VSAT Network and update oth parameters.	ner operatir	ıg

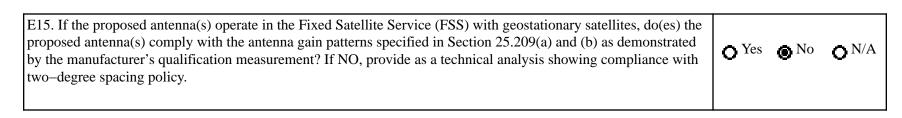
43a. Geographic Service Rule Certification By selecting A, the undersigned certifies that the applicant is not subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25.	● A
By selecting B, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will comply with such requirements.	O B
By selecting C, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will not comply with such requirements because it is not feasible as a technical matter to do so, or that, while technically feasible, such services would require so many compromises in satellite design and operation as to make it economically unreasonable. A narrative description and technical analysis demonstrating this claim are attached.	o c

CERTIFICATION

The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. The applicant certifies that grant of this application would not cause the applicant to be in violation of the spectrum aggregation limit in 47 CFR Part 20. All statements made in exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that all statements made in this application and in all attached exhibits are true, complete and correct to the best of his or her knowledge and belief, and are made in good faith.

44 4 1' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	V.
44. Applicant is a (an): (Choose the button next to applicable response	ponse.)
Individual	
Unincorporated Association Partnership Corporation Governmental Entity Other (please specify) 45. Name of Person Signing 46. Title of Person Signing	
Unincorporated Association Partnership Corporation Governmental Entity Other (please specify)	
Unincorporated Association Partnership Corporation Governmental Entity Other (please specify) 45. Name of Person Signing Rick Benken 46. Title of Person Signing VP	
- ~	
45. Name of Person Signing	46. Title of Person Signing
Rick Benken	VP
>	<u> </u>
	S FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT
	\(\lambda\) D E\\(\lambda\) \(\lambda\) \(
	ND/OR FORFEITURE (U.S. Code, Title 47, Section 503).
> WILLFUL FALSE STATEMENTS MADE ON THIS	

Location of Earth St	tation Site					
E1: Site Identifier:	ANIAK DO	E5. Call Sign:				
E2: Contact Name	Greg Tooke	E6. Phone Number:	(907) 550− 8364			
E3. Street:	Aniak District Office	E7. City:	Aniak			
		E8. County:	Bethel Census Area			
E4. State	AK	E9. Zip Code	99557			
E10. Area of Opera	tion:	Aniak, AK				
E11. Latitude:	61 °34 '55.6 "N					
E12. Longitude:	159 °32 '18.3 "W					
E13. Lat/Lon Coord	linates are:	O NAD-27	● NAD-83	O N/A		
E14. Site Elevation	(AMSL):	11.34 meters				



E16. If the proposed antenna(s) do not operate in the Fixed Satellite So Satellite Service (FSS) with non–geostationary satellites, do(es) the progain patterns specified in Section 25.209(a2) and (b) as demonstrated by measurements?	oposed antenna(s) comply with the antenna	• Yes	O No	⊚ N/A
E17. Is the facility operated by remote control? If YES, provide the loc point.	ation and telephone number of the control	O Yes	•	No
E18. Is frequency coordination required? If YES, attach a frequency co	ordination report as	• Yes	0	No
E19. Is coordination with another country required? If YES, attach the coordination contours as	name of the country(ies) and plot of	O Yes	•	No
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.1 have you attached a copy of a completed FCC Form 854 and/or the FA the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL APPLICATION.	A's study regarding the potential hazard of	O Yes	•	No
POINTS OF COMMUNICATION				
Satellite Name: EUTELSAT115WB(S2938) EUTELSAT 115 WB 11	4.9 W.L. If you selected OTHER, please en	nter the fol	lowing:	
E21. Common Name:	E22. ITU Name:			
E23. Orbit Location:	E24. Country:			
POINTS OF COMMUNICATION (Destination Points)	•			
E25. Site Identifier: ANIAK DO				

E26. Common Name:	E27. Country: USA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size <meters></meters>	E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)
ANIAK DO	VSAT 2	1	Prodelin	1244	2.4	37.6 dBi at 3.7400
ANIAK DO	VSAT 2	1	Prodelin	1244	2.4	41.6 dBi at 5.9650

Id	Diameter		, ,	Height Above Ground Level	Input Power at	E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
VSAT 2	0.0/0.0	3.0	11.34	0.0	10.8	0.0	52.5

	E43/44. Frequency Bands (MHz)	E45. T/R Mode			E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
VSAT 2	3944 4016	R	Horizontal and Vertical	3M00G7W	0.0	0.0

E50. Modulation entirety.)	on and Service	ees (If t	he complete des	scription does not appear	in this box, please	go to the end of	the form to view it in it	ts
Digital								
VSAT 2	3944	4016	R	Horizontal and Vertical	72M0G7W	0.0	0.0	
E50. Modulation entirety.)	on and Service	ees (If t	he complete des	scription does not appear	in this box, please	go to the end of	the form to view it in it	ts
Digital								
VSAT 2	3944	4016	R	Horizontal and Vertical	7M00G7W	0.0	0.0	
E50. Modulation entirety.)	on and Service	ees (If t	he complete des	scription does not appear	in this box, please	go to the end of	the form to view it in it	ts
Digital								
VSAT 2	3944	4016	R	Horizontal and Vertical	9M50G7W	0.0	0.0	

E50. Modulation entirety.)	and Services	(If th	ne complete descripti	on does not appear in	this box, please go to	o the end of the form	to view it in its
Digital							
VSAT 2	5960.2	6001	Т	Horizontal and Vertical	1M20G7W	52.5	21.1
E50. Modulation entirety.)	and Services	(If th	ne complete descripti	on does not appear in	this box, please go to	o the end of the form	to view it in its
Digital							
VSAT 2	5960.2	6001	Т	Horizontal and Vertical	2M80G7W	52.5	21.1
E50. Modulation entirety.)	and Services	(If th	ne complete descripti	on does not appear in	this box, please go to	o the end of the form	to view it in its
Digital							
VSAT 2	5960.2	6001	Т	Horizontal and Vertical	5M60G7W	52.5	21.1

entirety.)	lation and Servic	es (If the com	plete description	does not appear	in this box, plea	se go to the end	d of the form	n to view it in its
Digita	1							
FREQUENC E28. Antenna Id	Y COORDINA E51. Satellite Orbit Type	FION E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/West ern Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	
VSAT 2	Geostationary	3944 4016	114.0/116.0	130.8	10.95	132.79	11.68	0.0
	Geostationary	5960.2 6001	114.0/116.0	130.8	10.95	132.79	11.68	-23.23
REMOTE CO	ONTROL POIN	T LOCATION		•	•	'	•	-
	ign ase enter the call nich this applicati				. Phone Number			
E62. Street	Address			,				
E63. City			E68. County	y		E67/68. State/Country		E64. Zip Code

Location of Earth St	ation Site				
E1: Site Identifier:	JSHS	E5. Call Sign:			
E2: Contact Name	Greg Tooke	E6. Phone Number:	(907) 550− 8364		
E3. Street:	Junior Senior High School	E7. City:	Aniak		
		E8. County:	Bethel Census Area		
E4. State	AK	E9. Zip Code	99557		
E10. Area of Operat	tion:	Aniak, AK			
E11. Latitude:	61 °34 '48.3 "N				
E12. Longitude:	159 °33 '6.7 "W				
E13. Lat/Lon Coord	linates are:	o NAD-27	● NAD-83	O N/A	
E14. Site Elevation	(AMSL):	11.34 meters			

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide as a technical analysis showing compliance with two–degree spacing policy.

E16. If the proposed antenna(s) do not operate in the Fixed Satellite So Satellite Service (FSS) with non–geostationary satellites, do(es) the progain patterns specified in Section 25.209(a2) and (b) as demonstrated by measurements?	oposed antenna(s) comply with the antenna	O Yes	O No	⊚ N/A
E17. Is the facility operated by remote control? If YES, provide the loc point.	cation and telephone number of the control	O Yes	•	No
E18. Is frequency coordination required? If YES, attach a frequency co	pordination report as	Yes	0	No
E19. Is coordination with another country required? If YES, attach the coordination contours as	name of the country(ies) and plot of	O Yes	•	No
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25 have you attached a copy of a completed FCC Form 854 and/or the FA the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL APPLICATION.	A's study regarding the potential hazard of	O Yes	•	No
POINTS OF COMMUNICATION				
Satellite Name: EUTELSAT115WB(S2938) EUTELSAT 115 WB 11	14.9 W.L. If you selected OTHER, please en	nter the fol	lowing:	
E21. Common Name:	E22. ITU Name:			
E23. Orbit Location:	E24. Country:			
POINTS OF COMMUNICATION (Destination Points)	•			
E25. Site Identifier: JSHS				

E26. Common Name:	E27. Country: USA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size <meters></meters>	E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)
JSHS	VSAT 2	1	Prodelin	1244	2.4	37.6 dBi at 3.7400
JSHS	VSAT 2	1	Prodelin	1244	2.4	41.6 dBi at 5.9650

Id	Diameter		, ,	Height Above Ground Level	Input Power at	E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
VSAT 2	0.0/0.0	3.0	11.34	0.0	10.8	0.0	52.5

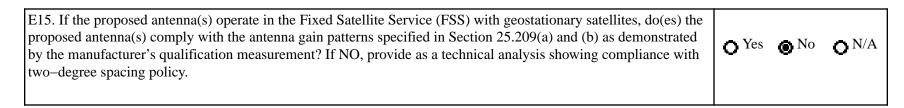
	E43/44. Frequency Bands (MHz)				EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
VSAT 2	3944 4016	R	Horizontal and Vertical	3M00G7W	0.0	0.0

E50. Modulation entirety.)	on and Service	ees (If t	he complete des	scription does not appear	in this box, please	go to the end of	the form to view it in it	ts
Digital								
VSAT 2	3944	4016	R	Horizontal and Vertical	72M0G7W	0.0	0.0	
E50. Modulation entirety.)	on and Service	ees (If t	he complete des	scription does not appear	in this box, please	go to the end of	the form to view it in it	ts
Digital								
VSAT 2	3944	4016	R	Horizontal and Vertical	7M00G7W	0.0	0.0	
E50. Modulation entirety.)	on and Service	ees (If t	he complete des	scription does not appear	in this box, please	go to the end of	the form to view it in it	ts
Digital								
VSAT 2	3944	4016	R	Horizontal and Vertical	9M50G7W	0.0	0.0	

E50. Modulation entirety.)	on and Services	s (If t	ne complete descript	tion does not appear	in this box, please	go to the end of t	he form to view it in its
Digital							
VSAT 2	5960.2	6001	Т	Horizontal and Vertical	1M20G7W	52.5	21.1
E50. Modulation entirety.)	on and Services	s (If t	he complete descript	tion does not appear	in this box, please	go to the end of t	he form to view it in its
Digital							
VSAT 2	5960.2	6001	Т	Horizontal and Vertical	2M80G7W	52.5	21.1
E50. Modulation entirety.)	on and Services	s (If t	he complete descript	tion does not appear	in this box, please	go to the end of t	he form to view it in its
Digital							
VSAT 2	5960.2	6001	Т	Horizontal and Vertical	5M60G7W	52.5	21.1

E50. Modu entirety.) Digita	lation and Servic	es (If the com	plete description	does not appear	in this box, plea	se go to the en	d of the form	n to view it in its
FREQUENC E28. Antenna Id	Y COORDINA E51. Satellite Orbit Type	TION E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/West ern Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
VSAT 2	Geostationary	3044 4016	114.0/116.0	130.78	10.95	132.77	11.68	0.0
	Geostationary	5960.2 6001	114.0/116.0	130.78	10.95	132.77	11.68	-17.96
REMOTE CO	ONTROL POIN	T LOCATION	1	1	!		!	,
	ign ase enter the call nich this applicati				. Phone Number			
E62. Street	Address							
E63. City			E68. County	y		E67/68. State/Country		E64. Zip Code

Location of Earth St	ation Site			
E1: Site Identifier:	AMNES	E5. Call Sign:		
E2: Contact Name	Greg Tooke	E6. Phone Number:	(907) 550− 8364	
E3. Street:	Auntie Mary Nicoli Elementary School	E7. City:	Aniak	
		E8. County:	Bethel Census Area	
E4. State	AK	E9. Zip Code	99557	
E10. Area of Operat	ion:	Aniak, AK		
E11. Latitude:	61 °34 '49.0 "N			
E12. Longitude:	159 °31 '51.7 "W			
E13. Lat/Lon Coord	linates are:	O NAD-27	● NAD-83	O N/A
E14. Site Elevation	(AMSL):	11.34 meters		



E16. If the proposed antenna(s) do not operate in the Fixed Satellite So Satellite Service (FSS) with non–geostationary satellites, do(es) the progain patterns specified in Section 25.209(a2) and (b) as demonstrated by measurements?	oposed antenna(s) comply with the antenna				
E17. Is the facility operated by remote control? If YES, provide the loc point.	ation and telephone number of the control	• Yes • No			
E18. Is frequency coordination required? If YES, attach a frequency co	ordination report as	Yes No			
E19. Is coordination with another country required? If YES, attach the coordination contours as	name of the country(ies) and plot of	O Yes O No			
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.1 have you attached a copy of a completed FCC Form 854 and/or the FA the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL APPLICATION.	A's study regarding the potential hazard of	Yes No			
POINTS OF COMMUNICATION					
Satellite Name: EUTELSAT115WB(S2938) EUTELSAT 115 WB 11	4.9 W.L. If you selected OTHER, please e	nter the following:			
E21. Common Name:	E22. ITU Name:				
E23. Orbit Location:	E24. Country:				
POINTS OF COMMUNICATION (Destination Points)	1				
E25. Site Identifier: AMNES					

E26. Common Name:	E27. Country: USA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size <meters></meters>	E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)
AMNES	VSAT 2	1	Prodelin	1244	2.4	37.6 dBi at 3.7400
AMNES	VSAT 2	1	Prodelin	1244	2.4	41.6 dBi at 5.9650

Id	Diameter		, ,	Height Above Ground Level	Input Power at antenna flange	E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
VSAT 2	0.0/0.0	3.0	11.34	0.0	10.8	0.0	52.5

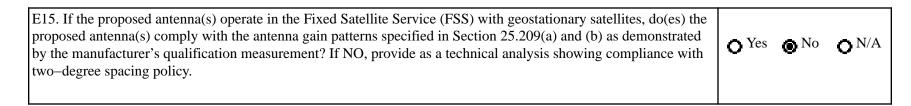
	E43/44. Frequency Bands (MHz)	E45. T/R Mode			E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
VSAT 2	3944 4016	R	Horizontal and Vertical	3M00G7W	0.0	0.0

E50. Modulation entirety.)	on and Service	ces (If the	he complete de	escription does not appear	in this box, please	go to the end of	the form to view it in its
Digital							
VSAT 2	3944	4016	R	Horizontal and Vertical	72M0G7W	0.0	0.0
E50. Modulation entirety.) Digital	on and Servi	ces (If the	he complete de	escription does not appear	in this box, please	go to the end of	the form to view it in its
VSAT 2	3944	4016	R	Horizontal and Vertical	7M00G7W	0.0	0.0
E50. Modulation entirety.) Digital				escription does not appear i			
VSAT 2	3944	4016	R	Horizontal and Vertical	9M50G7W	0.0	0.0

E50. Modulation entirety.)	on and Services	s (If t	ne complete descript	tion does not appear	in this box, please	go to the end of t	he form to view it in its
Digital							
VSAT 2	5960.2	6001	Т	Horizontal and Vertical	1M20G7W	52.5	21.1
E50. Modulation entirety.)	on and Services	s (If t	he complete descript	tion does not appear	in this box, please	go to the end of t	he form to view it in its
Digital							
VSAT 2	5960.2	6001	Т	Horizontal and Vertical	2M80G7W	52.5	21.1
E50. Modulation entirety.)	on and Services	s (If t	he complete descript	tion does not appear	in this box, please	go to the end of t	he form to view it in its
Digital							
VSAT 2	5960.2	6001	Т	Horizontal and Vertical	5M60G7W	52.5	21.1

entirety.) Digita	1							
FREQUENC E28. Antenna Id	Y COORDINA E51. Satellite Orbit Type	FION E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/West ern Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
VSAT 2	Geostationary	3944 4016	114.0/116.0	130.8	10.95	132.79	11.68	0.0
	Geostationary	5960.2 6001	114.0/116.0	130.8	10.95	132.79	11.68	-17.97
REMOTE CO	ONTROL POIN	T LOCATION	•	•	!		•	
	sign ase enter the calls nich this applicati				. Phone Number			
E62. Street	Address							
E63. City			E68. County	y		E67/68. State/Country		E64. Zip Code

Location of Earth St	tation Site			
E1: Site Identifier:	CVSS	E5. Call Sign:		
E2: Contact Name	Greg Tooke	E6. Phone Number:	(907) 550− 8364	
E3. Street:	Crown Village Sam School	E7. City:	Chuathbaluk	
		E8. County:	Bethel Census Area	
E4. State	AK	E9. Zip Code	99607	
E10. Area of Opera	tion:	Chuathbaluk, AK		
E11. Latitude:	61 °34 '23.7 "N			
E12. Longitude:	159 °14 '57.8 "W			
E13. Lat/Lon Coord	dinates are:	O NAD-27	● NAD-83	O N/A
E14. Site Elevation	(AMSL):	11.45 meters		



E16. If the proposed antenna(s) do not operate in the Fixed Satellite So Satellite Service (FSS) with non–geostationary satellites, do(es) the progain patterns specified in Section 25.209(a2) and (b) as demonstrated by measurements?	O Yes	O No	⊚ N/A	
E17. Is the facility operated by remote control? If YES, provide the loc point.	ation and telephone number of the control	O Yes	•	No
E18. Is frequency coordination required? If YES, attach a frequency co	ordination report as	Yes	0	No
E19. Is coordination with another country required? If YES, attach the coordination contours as	O Yes	•	No	
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.1 have you attached a copy of a completed FCC Form 854 and/or the FA the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL APPLICATION.	A's study regarding the potential hazard of	O Yes	•	No
POINTS OF COMMUNICATION				
Satellite Name: EUTELSAT115WB(S2938) EUTELSAT 115 WB 11	4.9 W.L. If you selected OTHER, please en	nter the fol	lowing:	
E21. Common Name:	E22. ITU Name:			
E23. Orbit Location:	E24. Country:			
POINTS OF COMMUNICATION (Destination Points)	•			
E25. Site Identifier: CVSS				

E26. Common Name:	E27. Country: USA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size <meters></meters>	E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)
CVSS	VSAT 2	1	Prodelin	1244	2.4	37.6 dBi at 3.7400
CVSS	VSAT 2	1	Prodelin	1244	2.4	41.6 dBi at 5.9650

Id	Diameter		, ,	Height Above Ground Level	Input Power at	E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
VSAT 2	0.0/0.0	3.0	11.45	0.0	10.8	0.0	52.5

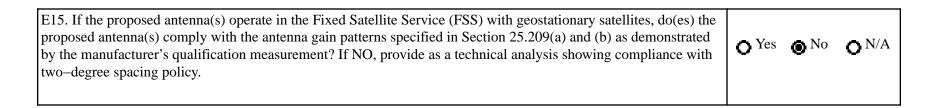
	E43/44. Frequency Bands (MHz)				EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
VSAT 2	3944 4016	R	Horizontal and Vertical	3M00G7W	0.0	0.0

E50. Modulation entirety.)	and Service	s (If t	ne complete descripti	on does not appear in	this box, please go to	o the end of the form	to view it in its
Digital							
VSAT 2	3944	4016	R	Horizontal and Vertical	72M0G7W	0.0	0.0
E50. Modulation entirety.) Digital	and Service	s (If the	he complete descripti	on does not appear in	this box, please go to	o the end of the form	to view it in its
VSAT 2	3944	4016	R	Horizontal and Vertical	7M00G7W	0.0	0.0
E50. Modulation entirety.) Digital	and Service	s (If the	ne complete descripti	on does not appear in	this box, please go to	o the end of the form	to view it in its
VSAT 2	3944	4016	R	Horizontal and Vertical	9M50G7W	0.0	0.0

E50. Modulation entirety.)	n and Services	(If tl	ne complete descripti	on does not appear in	n this box, please go to	o the end of the form	to view it in its
Digital							
VSAT 2	5960.2	6001	Т	Horizontal and Vertical	1M20G7W	52.5	21.1
E50. Modulation entirety.)	and Services	(If tl	ne complete descripti	on does not appear ir	this box, please go to	o the end of the form	to view it in its
VSAT 2	5960.2	6001	Т	Horizontal and Vertical	2M80G7W	52.5	21.1
E50. Modulation entirety.)	n and Services	(If tl	ne complete descripti	on does not appear in	this box, please go to	o the end of the form	to view it in its
Digital							
VSAT 2	5960.2	6001	Т	Horizontal and Vertical	5M60G7W	52.5	21.1

E50. Modula entirety.)	ation and Service	es (If the com	plete description	does not appear	in this box, plea	se go to the end	l of the for	rm to view it in its
Digital								
E28. Antenna Id	Y COORDINATE E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/West ern Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevatio Angle Western Limit	EIRP Density toward the
VSAT 2	Geostationary	3944 4016	114.0/116.0	131.08	11.06	133.07	11.79	0.0
	Geostationary	5960.2 6001	114.0/116.0	131.08	11.06	133.07	11.79	-18.07
REMOTE CO	NTROL POIN	T LOCATION				•	•	
	ign ase enter the calls ich this application				. Phone Number			
E62. Street A	Address			,				
E63. City			E68. County	7		E67/68. State/Country		E64. Zip Code

Location of Earth St	ation Site			
E1: Site Identifier:	JESS	E5. Call Sign:		
E2: Contact Name	Greg Tooke	E6. Phone Number:	(907) 550− 8364	
E3. Street:	Jack Egnaty Senior School	E7. City:	Sleetmute	
		E8. County:	Bethel Census Area	
E4. State	AK	E9. Zip Code	99668	
E10. Area of Operat	ion:	Sleetmute, AK		
E11. Latitude:	61 °42 '9.7 "N			
E12. Longitude:	157 °10 '14.9 "W			
E13. Lat/Lon Coord	inates are:	O NAD-27	● NAD-83	O N/A
E14. Site Elevation	(AMSL):	12.1 meters		



E16. If the proposed antenna(s) do not operate in the Fixed Satellite Set Satellite Service (FSS) with non–geostationary satellites, do(es) the progain patterns specified in Section 25.209(a2) and (b) as demonstrated by measurements?	oposed antenna(s) comply with the antenna	• Yes	O No	● N/A
E17. Is the facility operated by remote control? If YES, provide the loc point.	ation and telephone number of the control	• Yes	•	No
E18. Is frequency coordination required? If YES, attach a frequency co	ordination report as	Yes	0	No
E19. Is coordination with another country required? If YES, attach the coordination contours as	name of the country(ies) and plot of	O Yes	•	No
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.1 have you attached a copy of a completed FCC Form 854 and/or the FA the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL APPLICATION.	A's study regarding the potential hazard of	O Yes	•	No
POINTS OF COMMUNICATION				
Satellite Name: EUTELSAT115WB(S2938) EUTELSAT 115 WB 11	4.9 W.L. If you selected OTHER, please en	nter the fol	lowing:	
E21. Common Name:	E22. ITU Name:			
E23. Orbit Location:	E24. Country:			
POINTS OF COMMUNICATION (Destination Points)	1			
E25. Site Identifier: JESS				

E26. Common Name:	E27. Country: USA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size <meters></meters>	E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)
JESS	VSAT 2	1	Prodelin	1244	2.4	37.6 dBi at 3.7400
JESS	VSAT 2	1	Prodelin	1244	2.4	41.6 dBi at 5.9650

Id	Diameter		` ′	Height Above Ground Level	Input Power at antenna flange	E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
VSAT 2	0.0/0.0	3.0	12.1	0.0	10.8	0.0	52.5

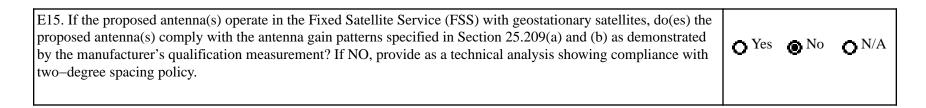
	E43/44. Frequency Bands (MHz)	E45. T/R Mode			E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
VSAT 2	3944 4016	R	Horizontal and Vertical	3M00G7W	0.0	0.0

E50. Modulation entirety.)	and Services	s (If tl	ne complete descripti	on does not appear in	this box, please go to	o the end of the form	to view it in its
Digital							
VSAT 2	3944	4016	R	Horizontal and Vertical	72M0G7W	0.0	0.0
E50. Modulation entirety.) Digital	and Services	(If the	ne complete descripti	on does not appear in	this box, please go to	o the end of the form	to view it in its
VSAT 2	3944	4016	R	Horizontal and Vertical	7M00G7W	0.0	0.0
E50. Modulation entirety.)	and Services	s (If th	ne complete descripti	on does not appear in	this box, please go to	o the end of the form	to view it in its
VSAT 2	3944	4016	R	Horizontal and Vertical	9M50G7W	0.0	0.0

E50. Modulati entirety.)	on and Servi	ces (If the	he complete de	escription does not appear	in this box, please	go to the end of t	he form to view it in its
Digital							
VSAT 2	5929	6001	Т	Horizontal and Vertical	1M20G7W	52.5	21.1
E50. Modulati entirety.) Digital	on and Servi	ces (If the	he complete de	escription does not appear	in this box, please	go to the end of t	he form to view it in its
VSAT 2	5929	6001	Т	Horizontal and Vertical	2M80G7W	52.5	21.1
E50. Modulati entirety.) Digital				escription does not appear			
VSAT 2	5929	6001	Т	Horizontal and Vertical	5M60G7W	52.5	21.1

entirety.) Digita	lation and Servic		plete description	does not appear	in this box, plea	ise go to the en	d of the form	to view it in its
E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/West ern Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
VSAT 2	Geostationary	3944 4016	114.0/116.0	133.19	11.73	135.2	12.43	0.0
	Geostationary	5929 6001	114.0/116.0	133.19	11.73	135.2	12.43	-18.67
REMOTE CO	NTROL POIN	T LOCATION	•	•		'	•	
	ign ase enter the calls ich this applicati				. Phone Number			
E62. Street	Address			'				
E63. City			E68. County	/		E67/68. State/Country	,	E64. Zip Code

Location of Earth S	tation Site				
E1: Site Identifier:	JJSS	E5. Call Sign:			
E2: Contact Name	Greg Tooke	E6. Phone Number:	(907) 550− 8364		
E3. Street:	Johnnie John Sr School	E7. City:	Crooked Creek		
		E8. County:	Bethel Census Area		
E4. State		E9. Zip Code	99575		
E10. Area of Opera	tion:	Crooked Creek, AK			
E11. Latitude:	61 °51 '48.6 "N				
E12. Longitude:	158 °8 '18.2 "W				
E13. Lat/Lon Coord	dinates are:	○ NAD-27	● NAD-83	O N/A	
E14. Site Elevation	(AMSL):	11.64 meters			
1					



E16. If the proposed antenna(s) do not operate in the Fixed Satellite So Satellite Service (FSS) with non–geostationary satellites, do(es) the progain patterns specified in Section 25.209(a2) and (b) as demonstrated by measurements?	oposed antenna(s) comply with the antenna	• Yes	O No	⊚ N/A
E17. Is the facility operated by remote control? If YES, provide the loc point.	ation and telephone number of the control	O Yes	•	No
E18. Is frequency coordination required? If YES, attach a frequency co	ordination report as	Yes	•	No
E19. Is coordination with another country required? If YES, attach the coordination contours as	name of the country(ies) and plot of	O Yes	•	No
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.1 have you attached a copy of a completed FCC Form 854 and/or the FA the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL APPLICATION.	A's study regarding the potential hazard of	O Yes	•	No
POINTS OF COMMUNICATION				
Satellite Name: EUTELSAT115WB(S2938) EUTELSAT 115 WB 11	4.9 W.L. If you selected OTHER, please en	nter the fol	lowing:	
E21. Common Name:	E22. ITU Name:			
E23. Orbit Location:	E24. Country:			
POINTS OF COMMUNICATION (Destination Points)	•			
E25. Site Identifier: JJSS				

E26. Common Name:	E27. Country: USA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size <meters></meters>	E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)
JJSS	VSAT 2	1	Prodelin	1244	2.4	37.6 dBi at 3.7400
JJSS	VSAT 2	1	Prodelin	1244	2.4	41.6 dBi at 5.9650

Id	Diameter		, ,	Height Above Ground Level	Input Power at antenna flange	E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
VSAT 2	0.0/0.0	3.0	11.64	0.0	10.8	0.0	52.5

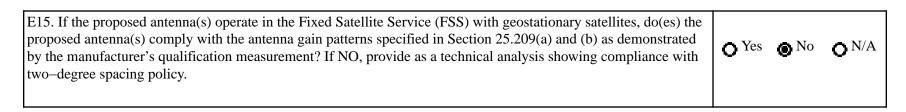
	E43/44. Frequency Bands (MHz)				EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
VSAT 2	3944 4016	R	Horizontal and Vertical	3M00G7W	0.0	0.0

E50. Modulation entirety.)	n and Servic	es (If the	he complete descript	ion does not appear	n this box, please g	go to the end of	the form to view it in its
Digital							
VSAT 2	3944	4016	R	Horizontal and Vertical	72M0G7W	0.0	0.0
E50. Modulation entirety.) Digital					uns con, preuse g		the form to view it in its
VSAT 2	3944	4016	R	Horizontal and Vertical	7M00G7W	0.0	0.0
E50. Modulation entirety.) Digital							the form to view it in its
VSAT 2	3944	4016	R	Horizontal and Vertical	9M50G7W	0.0	0.0

E50. Modulati entirety.)	on and Servi	ces (If the	he complete de	escription does not appear	in this box, please	go to the end of t	he form to view it in its
Digital							
VSAT 2	5929	6001	Т	Horizontal and Vertical	1M20G7W	52.5	21.1
E50. Modulati entirety.) Digital	on and Servi	ces (If the	he complete de	escription does not appear	in this box, please	go to the end of t	he form to view it in its
VSAT 2	5929	6001	Т	Horizontal and Vertical	2M80G7W	52.5	21.1
E50. Modulati entirety.) Digital				escription does not appear			
VSAT 2	5929	6001	Т	Horizontal and Vertical	5M60G7W	52.5	21.1

E50. Modulentirety.)	ation and Servic	es (If the com	plete description	does not appear	in this box, plea	se go to the end	d of the form	m to view it in its
Digital		WON						
E28. Antenna Id	Y COORDINA E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/West ern Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	EIRP Density toward the
VSAT 2	Geostationary	3944 4016	114.0/116.0	132.26	11.27	134.26	11.98	0.0
	Geostationary	5929 6001	114.0/116.0	132.26	11.27	134.26	11.98	-18.25
REMOTE CO	NTROL POIN	T LOCATION		•	•	!	Į	
	se enter the calls	sign of the contro			. Phone Number			
E62. Street A	Address			•				
E63. City			E68. County	ý		E67/68. State/Country		E64. Zip Code

Location of Earth S	tation Site					
E1: Site Identifier:	GMSHS	E5. Call Sign:				
E2: Contact Name	Greg Tooke	E6. Phone Number:	(907) 550− 8364			
E3. Street:	Gusty Michael School	E7. City:	Stoney River			
		E8. County:	Bethel Census Area			
E4. State	AK	E9. Zip Code	99557			
E10. Area of Opera	tion:	Stoney River, AK				
E11. Latitude:	61 °47 '13.6 "N					
E12. Longitude:	156 °35 '17.7 "W					
E13. Lat/Lon Coord	dinates are:	O NAD-27	NAD-83	O N/A		
E14. Site Elevation	(AMSL):	12.24 meters				



E16. If the proposed antenna(s) do not operate in the Fixed Satellite Set Satellite Service (FSS) with non–geostationary satellites, do(es) the progain patterns specified in Section 25.209(a2) and (b) as demonstrated by measurements?	oposed antenna(s) comply with the antenna	O Yes	O No	⊚ N/A
E17. Is the facility operated by remote control? If YES, provide the loc point.	ation and telephone number of the control	O Yes	•	No
E18. Is frequency coordination required? If YES, attach a frequency co	ordination report as	Yes		No
E19. Is coordination with another country required? If YES, attach the coordination contours as	name of the country(ies) and plot of	O Yes	•	No
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.1 have you attached a copy of a completed FCC Form 854 and/or the FA. the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL APPLICATION.	A's study regarding the potential hazard of	O Yes	•	No
POINTS OF COMMUNICATION		•		
Satellite Name: EUTELSAT115WB(S2938) EUTELSAT 115 WB 11	4.9 W.L. If you selected OTHER, please e	nter the fol	lowing:	
E21. Common Name:	E22. ITU Name:			
E23. Orbit Location:	E24. Country:			
POINTS OF COMMUNICATION (Destination Points)	1			
E25. Site Identifier: GMSHS				

E26. Common Name:	E27. Country: USA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size <meters></meters>	E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)
GMSHS	VSAT 2	1	Prodelin	1244	2.4	37.6 dBi at 3.7400
GMSHS	VSAT 2	1	Prodelin	1244	2.4	41.6 dBi at 5.9650

Id	Diameter		, ,	Height Above Ground Level	Input Power at	E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
VSAT 2	0.0/0.0	3.0	12.24	0.0	10.8	0.0	52.5

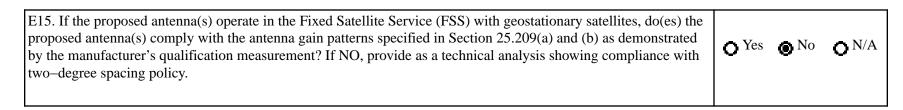
	E43/44. Frequency Bands (MHz)				EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
VSAT 2	3944 4016	R	Horizontal and Vertical	3M00G7W	0.0	0.0

E50. Modulation entirety.)	on and Service	ees (If t	he complete des	scription does not appear	in this box, please	go to the end of	the form to view it in it	ts
Digital								
VSAT 2	3944	4016	R	Horizontal and Vertical	72M0G7W	0.0	0.0	
E50. Modulation entirety.)	on and Service	ees (If t	he complete des	scription does not appear	in this box, please	go to the end of	the form to view it in it	ts
Digital								
VSAT 2	3944	4016	R	Horizontal and Vertical	7M00G7W	0.0	0.0	
E50. Modulation entirety.)	on and Service	ees (If t	he complete des	scription does not appear	in this box, please	go to the end of	the form to view it in it	ts
Digital								
VSAT 2	3944	4016	R	Horizontal and Vertical	9M50G7W	0.0	0.0	

E50. Modulati entirety.)	on and Service	ces (If t	he complete d	escription does not appear	in this box, please	go to the end of t	he form to view it in it	ts
Digital								
VSAT 2	5929	6001	Т	Horizontal and Vertical	1M20G7W	52.5	21.1	
E50. Modulati entirety.)	on and Service	ces (If t	he complete d	escription does not appear	in this box, please	go to the end of t	he form to view it in it	ts
Digital								
VSAT 2	5929	6001	Т	Horizontal and Vertical	2M80G7W	52.5	21.1	
E50. Modulati entirety.)	on and Service	ces (If t	he complete d	escription does not appear	in this box, please	go to the end of t	he form to view it in it	ts
Digital								
VSAT 2	5929	6001	Т	Horizontal and Vertical	5M60G7W	52.5	21.1	

entirety.) Digita	1							
FREQUENC E28. Antenna Id	Y COORDINA E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/West ern Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
VSAT 2	Geostationary	3944 4016	114.0/116.0	133.79	11.87	135.81	12.57	0.0
	Geostationary	5929 6001	114.0/116.0	133.79	11.87	135.81	12.57	-18.79
REMOTE CO	ONTROL POIN	T LOCATION	<u> </u>	l .	ļ.	l	Į.	
	ign ase enter the calls nich this applicati				. Phone Number			
E62. Street	Address			,				
E63. City			E68. County	у		E67/68. State/Country		E64. Zip Code

Location of Earth S	tation Site					
E1: Site Identifier:	GMHS	E5. Call Sign:				
E2: Contact Name	Greg Tooke	E6. Phone Number:	(907) 550− 8364			
E3. Street:	George Morgan Senior High School	E7. City:	Kalskag			
		E8. County:	Bethel Census Area			
E4. State	AK	E9. Zip Code	99607			
E10. Area of Opera	tion:	Kalskag, AK				
E11. Latitude:	61 °31 '57.9 "N					
E12. Longitude:	160 °20 '50.0 "W					
E13. Lat/Lon Coord	dinates are:	O NAD-27	● NAD-83	O N/A		
E14. Site Elevation (AMSL):		11.07 meters				



E16. If the proposed antenna(s) do not operate in the Fixed Satellite So Satellite Service (FSS) with non–geostationary satellites, do(es) the progain patterns specified in Section 25.209(a2) and (b) as demonstrated by measurements?	O Yes O No O N/A						
E17. Is the facility operated by remote control? If YES, provide the loc point.	ation and telephone number of the control	• Yes • No					
E18. Is frequency coordination required? If YES, attach a frequency co	ordination report as	Yes No					
E19. Is coordination with another country required? If YES, attach the coordination contours as	O Yes O No						
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.1 have you attached a copy of a completed FCC Form 854 and/or the FA the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL APPLICATION.	A's study regarding the potential hazard of	O Yes O No					
POINTS OF COMMUNICATION		•					
Satellite Name: EUTELSAT115WB(S2938) EUTELSAT 115 WB 11	4.9 W.L. If you selected OTHER, please e	nter the following:					
E21. Common Name:	E22. ITU Name:						
E23. Orbit Location:	23. Orbit Location: E24. Country:						
POINTS OF COMMUNICATION (Destination Points)	1						
E25. Site Identifier: GMHS							

E26. Common Name:	E27. Country: USA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size <meters></meters>	E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)
GMHS	VSAT 2	1	Prodelin	1244	2.4	37.6 dBi at 3.7400
GMHS	VSAT 2	1	Prodelin	1244	2.4	41.6 dBi at 5.9650

Id	Diameter		, ,	Height Above Ground Level	Input Power at antenna flange	E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
VSAT 2	0.0/0.0	3.0	11.07	0.0	10.8	0.0	52.5

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode			EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
VSAT 2	3944 4016	R	Horizontal and Vertical	3M00G7W	0.0	0.0

E50. Modulation entirety.)	on and Service	ees (If t	he complete des	scription does not appear	in this box, please	go to the end of	the form to view it in it	ts
Digital								
VSAT 2	3944	4016	R	Horizontal and Vertical	72M0G7W	0.0	0.0	
E50. Modulation entirety.)	on and Service	ees (If t	he complete des	scription does not appear	in this box, please	go to the end of	the form to view it in it	ts
Digital								
VSAT 2	3944	4016	R	Horizontal and Vertical	7M00G7W	0.0	0.0	
E50. Modulation entirety.)	on and Service	ees (If t	he complete des	scription does not appear	in this box, please	go to the end of	the form to view it in it	ts
Digital								
VSAT 2	3944	4016	R	Horizontal and Vertical	9M50G7W	0.0	0.0	

E50. Modulation entirety.)	on and Services (I	f the complete de	escription does not appear	in this box, please	go to the end of t	he form to view it in its
Digital						
VSAT 2	6189.565 6237.565	Т	Horizontal and Vertical	1M20G7W	52.5	21.1
E50. Modulation entirety.)	on and Services (I	f the complete de	escription does not appear	in this box, please	go to the end of t	he form to view it in its
Digital						
VSAT 2	6189.565 6237.565	Т	Horizontal and Vertical	2M80G7W	52.5	21.1
E50. Modulation	on and Services (I	f the complete de	escription does not appear	in this box, please	go to the end of t	he form to view it in its
Digital						
VSAT 2	6189.565 6237.565	Т	Horizontal and Vertical	5M60G7W	52.5	21.1

entirety.) Digita	lation and Servic	\		does not appear				
FREQUENC E28. Antenna Id	Y COORDINA E51. Satellite Orbit Type	FION E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/West ern Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
VSAT 2	Geostationary	3944 4016	114.0/116.0	129.99	10.68	131.97	11.42	0.0
	Geostationary	6189.565 6237.565	114.0/116.0	129.99	10.68	131.97	11.42	-17.7
REMOTE CO	ONTROL POIN	T LOCATION	ļ.	ļ.	ļ.		ļ	'
	sign ase enter the calls nich this applicati				. Phone Number			
E62. Street	Address			<u>,</u>				
E63. City			E68. County	y		E67/68. State/Country	I	E64. Zip Code

Location of Earth Station Site

E1: Site Identifier: JOGES E5. Call Sign:

E2: Contact Name Greg Tooke E6. Phone (907) 550−

Number: 8364

E3. Street: Joseph & E7. City: Kalskag

OlingaGregory

Elementary School

E8. County: Bethel Census Area

E4. State AK E9. Zip Code 99607

E10. Area of Operation: Kalskag, AK

E11. Latitude: 61 °32 '41.9 "N

E12. Longitude: 160 ° 19 '3.7 "W

E13. Lat/Lon Coordinates are: NAD-27 NAD-83 N/A

E14. Site Elevation (AMSL): 11.08 meters

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide as a technical analysis showing compliance with two–degree spacing policy.	OY	Zes .	⊘ No	O N/A
E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with non–geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements?	OY	es.	O No	● N/A
E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.	0	Yes	•	No
E18. Is frequency coordination required? If YES, attach a frequency coordination report as	•	Yes	0	No
E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as	0	Yes	•	No
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where FAA notification is required, have you attached a copy of a completed FCC Form 854 and/or the FAA's study regarding the potential hazard of the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.	0	Yes	•	No
POINTS OF COMMUNICATION				

Satellite Name: EUTELSAT115WB(S2938) | EUTELSAT 115 WB | 114.9 W.L. If you selected OTHER, please enter the following:

E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
DOINTER OF COMMUNICATION (D D)	

POINTS OF COMMUNICATION (Destination Points)

E25. Site Identifier: JOGES	
E26. Common Name:	E27. Country: USA

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size <meters></meters>	E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)
JOGES	VSAT 2	1	Prodelin	1244	2.4	37.6 dBi at 3.7400
JOGES	VSAT 2	1	Prodelin	1244	2.4	41.6 dBi at 5.9650

Id	Diameter		` ′	Height Above Ground Level	E38. Total Input Power at antenna flange (Watts)		EIRP for al
VSAT 2	0.0/0.0	3.0	11.08	0.0	10.8	0.0	52.5

E43/44. Frequency Bands				E48. Maximum EIRP per Carrier	E49. Maximum ERIP Density per
(MHz)	1/11 (01) 1/1040	L,R)	2 congruence	(dBW)	Carrier
					(dBW/4kHz)

VSAT 2	3944 4016	R	Horizontal and Vertical	3M00G7W	0.0	0.0
E50. Modulatio entirety.)	n and Services (If t	he complete de	escription does not appear	in this box, please	go to the end of t	the form to view it in its
Digital						
VSAT 2	3944 4016	R	Horizontal and Vertical	72M0G7W	0.0	0.0
Digital						
VSAT 2	3944 4016	R	Horizontal and Vertical	7M00G7W	0.0	0.0
E50. Modulatio entirety.)	n and Services (If t	he complete de	escription does not appear	in this box, please	go to the end of t	the form to view it in its
Digital						

VSAT 2	3944	4016	R	Horizontal and Vertical	9M50G7W	0.0	0.0
E50. Modulation entirety.)	and Services	(If th	ne complete de	escription does not appear	in this box, please	go to the end of t	he form to view it in its
Digital							
VSAT 2	6189.565 6237.565		Т	Horizontal and Vertical	1M20G7W	52.5	21.1
Digital							
VSAT 2	6189.565 6237.565		Т	Horizontal and Vertical	2M80G7W	52.5	21.1
E50. Modulation entirety.)	and Services	(If th	ne complete de	escription does not appear	in this box, please	go to the end of t	he form to view it in its
Digital							

VSAT 2	6189.565 6237.565	T	Horizontal and Vertical	5M60G7W	52.5	21.1
E50. Modulation entirety.)	and Services (If th	e complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
Digital						

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/West ern Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
VSAT 2	Geostationary	3944 4016	114.0/116.0	130.02	10.68	132.0	11.42	0.0
	Geostationary	6189.565 6237.565	114.0/116.0	130.02	10.68	132.0	11.42	-17.71

REMOTE CONTROL POINT LOCATION

E61. Call Sign	E66. Phone Number
NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.	
E62. Street Address	

E63. City	E68. County	E67/68.	E64. Zip Code
		State/Country	
		/	

Location of Earth Station Site

E1: Site Identifier: ZLES E5. Call Sign:

E2: Contact Name Greg Tooke E6. Phone (907) 550−

Number: 8364

E3. Street: Zackar Levi E7. City: Kalskag

Elementary School

E8. County: Bethel Census Area

E4. State AK E9. Zip Code 99607

E10. Area of Operation: Kalskag, AK

E11. Latitude: 61 °30 '43.6 "N

E12. Longitude: 160 °21 '41.5 "W

E13. Lat/Lon Coordinates are: NAD-27 NAD-83 N/A

E14. Site Elevation (AMSL): 11.08 meters

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide as a technical analysis showing compliance with two–degree spacing policy.	OY	Zes .	⊘ No	O N/A
E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with non–geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements?	OY	es.	O No	● N/A
E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.	0	Yes	•	No
E18. Is frequency coordination required? If YES, attach a frequency coordination report as	•	Yes	0	No
E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as	0	Yes	•	No
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where FAA notification is required, have you attached a copy of a completed FCC Form 854 and/or the FAA's study regarding the potential hazard of the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.	0	Yes	•	No
POINTS OF COMMUNICATION				

Satellite Name: EUTELSAT115WB(S2938) | EUTELSAT 115 WB | 114.9 W.L. If you selected OTHER, please enter the following:

E21. Common Name:	E22. ITU Name:					
E23. Orbit Location:	E24. Country:					
DODIEGO OF COLD HANGAETON (D D)						

POINTS OF COMMUNICATION (Destination Points)

E25. Site Identifier: ZLES	
E26. Common Name:	E27. Country: USA

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size <meters></meters>	E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)
ZLES	VSAT 2	1	Prodelin	1244	2.4	37.6 dBi at 3.7400
ZLES	VSAT 2	1	Prodelin	1244	2.4	41.6 dBi at 5.9650

Id	Diameter		,	Height Above Ground Level	Input Power at antenna flange	E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
VSAT 2	0.0/0.0	3.0	11.08	0.0	10.8	0.0	52.5

E28	E43/44.					E49. Maximum
	Frequency Bands (MHz)	1/R br>Mode	Polarization(H,V, L,R)	0	EIRP per Carrier (dBW)	Carrier
						(dBW/4kHz)

VSAT 2	3944 4016	R	Horizontal and Vertical	3M00G7W	0.0	0.0
E50. Modula entirety.)	ation and Services (If t	he complete d	escription does not appear	in this box, please	go to the end of	the form to view it in its
Digital						
VSAT 2	3944 4016	R	Horizontal and Vertical	72M0G7W	0.0	0.0
Digital						
VSAT 2	3944 4016	R	Horizontal and Vertical	7M00G7W	0.0	0.0
E50. Modula entirety.)	ation and Services (If t	he complete d	escription does not appear	in this box, please	go to the end of	the form to view it in its
Digital						

VSAT 2	3944	4016	R	Horizontal and Vertical	9M50G7W	0.0	0.0
E50. Modulation entirety.)	and Services	(If th	ie complete de	escription does not appear	in this box, please	go to the end of the	he form to view it in its
Digital							
VSAT 2	6189.565 6237.565		Т	Horizontal and Vertical	1M20G7W	52.5	21.1
Digital							
VSAT 2	6189.565 6237.565		Т	Horizontal and Vertical	2M80G7W	52.5	21.1
E50. Modulation entirety.)	and Services	(If th	ie complete de	escription does not appear	in this box, please	go to the end of the	he form to view it in its
Digital							

VSAT 2	6189.565 6237.565	T	Horizontal and Vertical	5M60G7W	52.5	21.1
E50. Modulation entirety.)	and Services (If the	e complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
Digital						

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/West ern Limit	0	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
VSAT 2	Geostationary	3944 4016	114.0/116.0	129.97	10.69	131.95	11.43	0.0
	Geostationary	6189.565 6237.565	114.0/116.0	129.97	10.69	131.95	11.43	-17.71

REMOTE CONTROL POINT LOCATION

E61. Call Sign	E66. Phone Number
NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.	
E62. Street Address	

E63. City	E68. County	E67/68.	E64. Zip Code
		State/Country	
		/	

SATELLITE EARTH STATION AUTHORIZATIONS FCC Form 312 – Schedule B:(Technical and Operational Description) FOR OFFICIAL USE ONLY

Location of Earth Station Site

E1: Site Identifier: HUB E5. Call Sign:

E2: Contact Name Greg Tooke E6. Phone (907) 550–8364

Number:

E3. Street: 8500 Dimond D E7. City: Anchorage

Circle

E8. County: Anchorage

E4. State AK E9. Zip Code 99515

E10. Area of Operation: Anchorage, AK

E11. Latitude: 61 °8 '28.4 "N

E12. Longitude: 149 °52 '30.7 "W

E13. Lat/Lon Coordinates are: NAD-27 NAD-83 NAD-83

E14. Site Elevation (AMSL): 41.0 meters

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide as a technical analysis showing compliance with two–degree spacing policy.	O Yes	● N	lo	O N/A
E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with non–geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements?	O Yes	O ^N	Го	● N/A
E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.	O Ye	s	•	No
	•			
E18. Is frequency coordination required? If YES, attach a frequency coordination report as	⊚ Ye	s	0	No
E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as	O Ye	s	•	No
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where FAA notification is required, have you attached a copy of a completed FCC Form 854 and/or the FAA's study regarding the potential hazard of the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION. POINTS OF COMMUNICATION	O Ye	S	•	No

Satellite Name: EUTELSAT115WB(S2938) | EUTELSAT 115 WB | 114.9 W.L. If you selected OTHER, please enter the following:

E21. Common Name:	E22. ITU Name:						
E23. Orbit Location:	E24. Country:						
POINTS OF COMMUNICATION (Destination Points)							

E25. Site Identifier: HUB	
E26. Common Name:	E27. Country: USA

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size <meters></meters>	E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)	
HUB	HUB	1	General Dynamics	1383	3.8	41.6 dBi at 3.7400	
HUB	HUB	1	General Dynamics	1383	3.8	45.6 dBi at 5.9650	

Id	Diameter		` ′	Height Above Ground Level	E38. Total Input Power at antenna flange (Watts)		EIRP for al
HUB	0.0/0.0	4.0	41.0	0.0	267.0	0.0	58.4

FREQUENCY

E43/44. Frequency Bands				E48. Maximum EIRP per Carrier	E49. Maximum ERIP Density per
(MHz)	1/11 (01) 1/1040	L,R)	2 congruence	(dBW)	Carrier
					(dBW/4kHz)

HUB	3944	4016	R	Horizontal and Vertical	1M20G7W	0.0	0.0
E50. Modulation entirety.)	and Service	es (If the	he complete desc	ription does not appear	in this box, please	go to the end of	the form to view it in its
Digital							
HUB	3944	4016	R	Horizontal and Vertical	2M80G7W	0.0	0.0
Digital							
HUB	3944	4016	R	Horizontal and Vertical	5M60G7W	0.0	0.0
E50. Modulation entirety.)	and Service	es (If the	he complete desc	ription does not appear	in this box, please	go to the end of	the form to view it in its
Digital							

HUB	6169	6241	Т	Horizontal and Vertical	3M00G7W	58.4	30.1
E50. Modulation entirety.)	and Service	s (If th	ne complete descr	ription does not appear	in this box, please	go to the end of th	ne form to view it in its
Digital							
HUB	6169	6241	Т	Horizontal and Vertical	72M0G7W	58.4	28.0
Digital							
HUB	6169	6241	Т	Horizontal and Vertical	7M00G7W	58.4	26.4
E50. Modulation entirety.)	and Service	s (If th	ne complete descr	ription does not appear	in this box, please	go to the end of th	ne form to view it in its
Digital							

6169	6241	T	Horizontal and Vertical	9M50G7W	58.4	24.6
and Services	s (If th	e complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
				Vertical	Vertical	Vertical

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	Range of Satellite Arc Eastern/West	Station Azimuth Angle	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	Antenna Elevation	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
HUB	Geostationary	3944 4016	114.0/116.0	140.45	14.62	142.53	15.25	0.0
	Geostationary	6169 6241	114.0/116.0	140.45	14.62	142.53	15.25	-15.94

REMOTE CONTROL POINT LOCATION

REMOTE CONTROL FOR TECHNION	
E61. Call Sign	E66. Phone Number
NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.	
E62. Street Address	

E63. City	E68. County	E67/68.	E64. Zip Code
		State/Country	
		/	

SATELLITE EARTH STATION AUTHORIZATIONS FCC Form 312 – Schedule B:(Technical and Operational Description) FOR OFFICIAL USE ONLY

Location of Earth Station Site

E1: Site Identifier: ST PAUL E5. Call Sign:

E2: Contact Name Greg Tooke E6. Phone (907) 550–8364

Number:

E3. Street: 100 Harbor View E7. City: St. Paul

Drive

E8. County: St. Paul

E4. State AK E9. Zip Code 99660

E10. Area of Operation: St. Paul, AK

E11. Latitude: 57 °7 '23.0 "N

E12. Longitude: 170 °16 '45.0 "W

E13. Lat/Lon Coordinates are: NAD-27 NAD-83 N/A

E14. Site Elevation (AMSL): 8.0 meters

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide as a technical analysis showing compliance with two–degree spacing policy.	OY	Zes .	⊘ No	O N/A
E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with non–geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements?	OY	es.	O No	● N/A
E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.	0	Yes	•	No
E18. Is frequency coordination required? If YES, attach a frequency coordination report as	⊚ `	Yes	0	No
E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as	0	Yes	•	No
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where FAA notification is required, have you attached a copy of a completed FCC Form 854 and/or the FAA's study regarding the potential hazard of the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.	0	Yes	•	No
POINTS OF COMMUNICATION				

Satellite Name: EUTELSAT115WB(S2938) | EUTELSAT 115 WB | 114.9 W.L. If you selected OTHER, please enter the following:

E21. Common Name:	E22. ITU Name:				
E23. Orbit Location:	E24. Country:				
DOINING OF COMMUNICATION (D. C. C. D. C.)					

POINTS OF COMMUNICATION (Destination Points)

E25. Site Identifier:	
E26. Common Name:	E27. Country:

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer		Size <meters></meters>	E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)	
ST PAUL	VSAT 1	1	General Dynamics	1383	3.8	0.0 dBi at	

Id	Diameter		, ,	Height Above Ground Level	Input Power at antenna flange	E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
VSAT 1	0.0/0.0	2.0	8.0	0.0	1.9	0.0	47.9

FREQUENCY

	E43/44. Frequency Bands (MHz)				E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
VSAT 1	3944 4016	R	Horizontal and Vertical	3M00G7W	0.0	0.0

E50. Modulation entirety.)	and Service	s (If t	ne complete description	on does not appear ir	this box, please go t	o the end of the form	to view it in its
Digital							
VSAT 1	3944	4016	R	Horizontal and Vertical	72M0G7W	0.0	0.0
E50. Modulation entirety.) Digital						o the end of the form	
VSAT 1	3944	4016	R	Horizontal and Vertical	7M00G7W	0.0	0.0
E50. Modulation entirety.) Digital	and Service	s (If the	he complete description	on does not appear ir	n this box, please go t	o the end of the form	to view it in its
VSAT 1	3944	4016	R	Horizontal and Vertical	9M50G7W	0.0	0.0

entii	50. Modulation and Services ety.)	(If the complete description does not appear in this box, please go to the end of the form to view it in its
	Digital	

	E51. Satellite Orbit Type	Frequency Limits(MHz)	Range of Satellite Arc Eastern/West	Station Azimuth Angle		Station Azimuth Angle	Elevation Angle Western	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
VSAT 1	Geostationary	3944 4016	114.0/116.0	119.3	9.0	120.2	9.4	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign		E66. Phone Number		
NOTE: Please enter the callsign of the control callsign for which this application is being filed.				
E62. Street Address				
E63. City	E68. County		E67/68. State/Country	E64. Zip Code

SATELLITE EARTH STATION AUTHORIZATIONS

FCC Form 312 – Schedule B:(Technical and Operational Description) FOR OFFICIAL USE ONLY

Location of Earth Station Site E1: Site Identifier: TEST SITE E5. Call Sign: E2: Contact Name Greg Tooke E6. Phone (907) 550-8364 Number: E3. Street: 600 Telephone Ave E7. City: Anchorage E8. County: Anchorage E9. Zip Code E4. State 99515 E10. Area of Operation: Anchorage, AK 61 °11 '10.5 "N E11. Latitude: E12. Longitude: 149 °52 '15.6 "W E13. Lat/Lon Coordinates are: NAD-27 **⋒** NAD-83 N/A E14. Site Elevation (AMSL): 35.0 meters

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide as a technical analysis showing compliance with two–degree spacing policy.

E16. If the proposed antenna(s) do not operate in the Fixed Satellite Set Satellite Service (FSS) with non–geostationary satellites, do(es) the progain patterns specified in Section 25.209(a2) and (b) as demonstrated by measurements?	posed antenna(s) comply with the antenna	Yes O No O No	'A
E17. Is the facility operated by remote control? If YES, provide the loca point.	ntion and telephone number of the control	O Yes O No	
E18. Is frequency coordination required? If YES, attach a frequency coordination	ordination report as	● Yes ● No	
E19. Is coordination with another country required? If YES, attach the coordination contours as	O Yes O No		
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.1 have you attached a copy of a completed FCC Form 854 and/or the FAA the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL APPLICATION.	O Yes O No		
POINTS OF COMMUNICATION		•	
Satellite Name: EUTELSAT115WB(S2938) EUTELSAT 115 WB 11	4.9 W.L. If you selected OTHER, please e	nter the following:	
E21. Common Name:	E22. ITU Name:		
E23. Orbit Location:	E24. Country:		
POINTS OF COMMUNICATION (Destination Points)			
E25. Site Identifier:			

E26. Common N	ame:					E27. Cou	ntry:					
ANTENNA												
Site ID	E28. Antenna Id	E29.	Quantity	E30. Manufactur		E31. Moo	del	E32. Anten Size <meter< th=""><th></th><th>E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)</th><th></th><th></th></meter<>		E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)		
TEST SITE	VSAT 2	1		Prodel	in	1244		2.4		0.0 dBi at		
E28. Antenna Id	E33/34. Diameter Minor/Major (meters)		Above und Level ters)	E36. Above S Level(meters		E37. Building Height Above Ground Level (meters)		E38. Total Input Power at antenna flange (Watts)		E39. Maximum Antenna Height Above Rooftop (meters)		E40. Total EIRP for al carriers(dBW)
VSAT 2	0.0/0.0	9.0		35.0	5.0 0.0			9.33		0.0		51.2
FREQUENCY	•	-		•				•			-	
E28. Antenna Id	E43/44. Frequency Ba (MHz)	ands	E45. T/R M	ode	E46. Antenn Polarization L,R)					. Maximum P per Carrier W)	EI Ca	9. Maximum RIP Density per arrier BW/4kHz)
VSAT 2	3944 4	016	R		Horizonta Vertical	al and	3M000	0.0 0.0		0.)
E50. Modulation entirety.)	on and Services	(If th	ne complete c	lescripti	on does no	t appear in	this bo	x, please go t	to the	end of the form	to v	view it in its

VSAT 2	3944	4016	R	Horizontal and Vertical	72M0G7W	0.0	0.0
E50. Modul entirety.)	ation and Service	ces (If the	he complete d	escription does not appear	in this box, please	go to the end of	the form to view it in its
Digital	L						
VSAT 2	3944	4016	R	Horizontal and Vertical	7M00G7W	0.0	0.0
entirety.) Digital	L						
VSAT 2	3944	4016	R	Horizontal and Vertical	9M50G7W	0.0	0.0
E50. Modul entirety.)	ation and Service	ces (If the	he complete d	escription does not appear	in this box, please	go to the end of	the form to view it in its
Digital	L						

E28. Antenna Id			Range of Satellite Arc Eastern/West	Station Azimuth Angle	E57. Antenna Elevation Angle Eastern Limit	Station Azimuth Angle	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
VSAT 2	Geostationary	3944 4016	114.0/116.0	140.5	14.6	141.5	14.9	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign		E66. Phone Number		
NOTE: Please enter the callsign of the contro callsign for which this application is being filed.				
E62. Street Address				
E63. City	E68. County		E67/68. State/Country	E64. Zip Code

SATELLITE EARTH STATION AUTHORIZATIONS FCC Form 312 – Schedule B:(Technical and Operational Description) FOR OFFICIAL USE ONLY

Location of Earth St	ation Site					
E1: Site Identifier:	EX INLET	E5. Call Sign:				
E2: Contact Name	Greg Tooke	E6. Phone Number:	(907) 550–8364			
E3. Street:	Excursion Inlet	E7. City:	Excursion Inlet			
		E8. County:	Haines Borough			
E4. State	AK	E9. Zip Code	99827			
E10. Area of Operat	tion:	Excursion Inlet, Alaska				
E11. Latitude:	58 °24 '55.3 "N					
E12. Longitude:	135 °26 '36.4 "W					
E13. Lat/Lon Coord	linates are:	○ NAD-27	● NAD-83	O N/A		
E14. Site Elevation (AMSL):		10.36 meters				

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide as a technical analysis showing compliance with two–degree spacing policy.	O Yes	● No	O N/A
E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with non–geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements?	O Yes	O No	● N/A

E17. Is the facility operated by remote control? If YES, provide the locat point.	ion and telephone number of the control	O Yes	No No
E18. Is frequency coordination required? If YES, attach a frequency coordination	rdination report as	● Yes	O No
E19. Is coordination with another country required? If YES, attach the na coordination contours as	nme of the country(ies) and plot of	O Yes	No
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.11 have you attached a copy of a completed FCC Form 854 and/or the FAA the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RAPPLICATION.	's study regarding the potential hazard of	O Yes	No
POINTS OF COMMUNICATION		l	
Satellite Name: EUTELSAT115WB(S2938) EUTELSAT 115 WB 114	.9 W.L. If you selected OTHER, please en	nter the follow	ving:
E21. Common Name:	E22. ITU Name:		
E23. Orbit Location:	E24. Country:		
POINTS OF COMMUNICATION (Destination Points)			
E25. Site Identifier:			
E26. Common Name:	E27. Country:		

ANTENNA

(meters) (meters) (Watts) (meters) VSAT 2 0.0/0.0 3.0 10.36 0.0 12.0 0.0 51.3 FREQUENCY E28. Antenna Id E43/44. E45. E46. Antenna E47. Emission E48. Maximum E49. Maximum	Site ID	E28. Antenna Id	E29	. Quantity	E30. Manuf	acturer	E31. Moo	del	E32. Anten Size <meter< th=""><th></th><th>E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)</th><th></th></meter<>		E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)	
Id Diameter Minor/Major (meters) Level (meters) Height Above Ground Level (meters) Input Power at antenna flange (Watts) Move Rooftop (meters) S1.3 VSAT 2 0.0/0.0 3.0 10.36 0.0 12.0 0.0 51.3 FREQUENCY E28. Antenna Id Frequency Bands (MHz) Frequency Bands (MHz) R S1.3 VSAT 2 3944 4016 R Horizontal and Vertical Horizontal and Vertical Move Rooftop (meters) Move Rooftop (meters) S1.3 E45. E46. Antenna Polarization (H, V, L, R) E47. Emission Designator E1RP per Carrier (dBW/4kHz) E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)	EX INLET	VSAT 2	1		Prodeli	n	1244		2.4		0.0 dBi at	
FREQUENCY E28. Antenna Id Frequency Bands (MHz) E45. T/R VSAT 2 3944 4016 R Horizontal and Vertical E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)		Diameter Minor/Major	Gro	und Level	1		Height A Ground	bove	Input Powe antenna fla		Antenna Heigl Above Roofto	ht EIRP for al
E28. Antenna Id Frequency Bands (MHz) E45. T/R VSAT 2 3944 4016 R Horizontal and Vertical E46. Antenna Polarization(H,V, L,R) E47. Emission Designator E48. Maximum EIRP per Carrier (dBW) Carrier (dBW/4kHz) O.0 E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)	VSAT 2	0.0/0.0	3.0		10.36		0.0		12.0		0.0	51.3
Frequency Bands (MHz) T/R < br > Mode L,R) Polarization(H,V, L,R) EIRP per Carrier (dBW) Carrier (dBW/4kHz) VSAT 2 3944 4016 R Horizontal and Vertical E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)	FREQUENCY											
E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)	E28. Antenna Id	Frequency Ba	ands		ode	Polarizat		1		EIR	P per Carrier	
entirety.)	VSAT 2	3944 4	016	R			al and	3M000	G7W	0.0		0.0
VSAT 2 3944 4016 R Horizontal and 72M0G7W 0.0 0.0	entirety.) Digital				lescriptio							

Vertical

E50. Modula entirety.)	ation and Servi	ces (If t	he complete d	escription does not appear	in this box, please	go to the end of	the form to view it in its
Digital							
VSAT 2	3944	4016	R	Horizontal and Vertical	7M00G7W	0.0	0.0
E50. Modula entirety.)	ation and Servi	ces (If the	he complete d	escription does not appear	in this box, please	go to the end of	the form to view it in its
Digital							
VSAT 2	3944	4016	R	Horizontal and Vertical	9M50G7W	0.0	0.0
E50. Modula entirety.)	ntion and Servi	ces (If t	he complete d	escription does not appear	in this box, please	go to the end of	the form to view it in its
Digital							

	E51. Satellite Orbit Type	Frequency Limits(MHz)	Range of Satellite Arc Eastern/West	Station Azimuth	Antenna Elevation Angle	Station Azimuth Angle	Angle Western	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
VSAT 2	Geostationary	3944 4016	114.0/116.0	155.25	21.08	156.37	21.31	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign		E66. Phone Number		
NOTE: Please enter the callsign of the contro callsign for which this application is being filed.				
E62. Street Address				
E63. City	E68. County		E67/68. State/Country	E64. Zip Code

SATELLITE EARTH STATION AUTHORIZATIONS FCC Form 312 – Schedule B:(Technical and Operational Description) FOR OFFICIAL USE ONLY

Location of Earth St	ation Site			
E1: Site Identifier:	ALITAK	E5. Call Sign:		
E2: Contact Name	Greg Tooke	E6. Phone Number:	(907) 550–8364	
E3. Street:	Alitak	E7. City:	Alitak	
	Alitak	E8. County:	Kodiak Island	
E4. State	AK	E9. Zip Code	99615	
E10. Area of Operat	ion:	Cape Alitak, Alaska		
E11. Latitude:	56 °53 '52.2 "N			
E12. Longitude:	154 °14 '43.0 "W			
E13. Lat/Lon Coord	linates are:	O NAD-27	● NAD-83	O N/A
E14. Site Elevation (AMSL):		15.24 meters		

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide as a technical analysis showing compliance with two–degree spacing policy.	O Yes	⊗ No	O N/A
E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with non–geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements?	○ Yes	O No	⊚ N/A

E17. Is the facility operated by remote control? If YES, provide the locat point.	ion and telephone number of the control	O Yes	No
E18. Is frequency coordination required? If YES, attach a frequency coordination	rdination report as	I	
	1	● Yes	O No
E19. Is coordination with another country required? If YES, attach the na coordination contours as	ame of the country(ies) and plot of	O Yes	No
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.11 have you attached a copy of a completed FCC Form 854 and/or the FAA the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RAPPLICATION.	O Yes	No	
POINTS OF COMMUNICATION		1	
Satellite Name: EUTELSAT115WB(S2938) EUTELSAT 115 WB 114	.9 W.L. If you selected OTHER, please er	nter the follow	ving:
E21. Common Name:	E22. ITU Name:		
E23. Orbit Location:	E24. Country:		
POINTS OF COMMUNICATION (Destination Points)			
E25. Site Identifier:			
E26. Common Name:	E27. Country:		

ANTENNA

Site ID	E28. Antenna Id	E29	. Quantity	E30. Manuf	acturer	E31. Mod	lel	E32. Anteni Size <meters< th=""><th></th><th>E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)</th><th></th></meters<>		E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)	
ALITAK	VSAT 2	1		Prodeli	n	1244		2.4		0.0 dBi at	
E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	Gro	. Above und Level ters)		bove Sea meters)	E37. Buil Height A Ground l (meters)	bove	E38. Total Input Powe antenna fla (Watts)		E39. Maximum Antenna Heigl Above Roofton (meters)	nt EIRP for al
VSAT 2	0.0/0.0	3.0		15.24		0.0		12.0		0.0	52.0
FREQUENCY	•			ı							
E28. Antenna Id	E43/44. Frequency Ba (MHz)	ands	E45. T/R Mo	ode	E46. Anto Polarizat L,R)		E47. E Design	mission ator	1	P per Carrier	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
VSAT 2	3944 4	016	R		Horizonta Vertical	l and	3M00C	37W	0.0		0.0
entirety.) Digital	ion and Services			escription						end of the form	
VSAT 2	3944 4	016	R		Horizonta Vertical	l and	72M0C	37W	0.0		0.0

E50. Modula entirety.)	ation and Servi	ces (If t	he complete d	escription does not appear	in this box, please	go to the end of	the form to view it in its
Digital							
VSAT 2	3944	4016	R	Horizontal and Vertical	7M00G7W	0.0	0.0
E50. Modula entirety.)	ation and Servi	ces (If the	he complete d	escription does not appear	in this box, please	go to the end of	the form to view it in its
Digital							
VSAT 2	3944	4016	R	Horizontal and Vertical	9M50G7W	0.0	0.0
E50. Modula entirety.)	ntion and Servi	ces (If t	he complete d	escription does not appear	in this box, please	go to the end of	the form to view it in its
Digital							

E28. Antenna Id			Range of Satellite Arc Eastern/West	Station Azimuth Angle	E57. Antenna Elevation Angle Eastern Limit	Station Azimuth Angle	Antenna Elevation Angle	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
VSAT 2	Geostationary	3944 4016	114.0/116.0	134.7	16.31	135.72	16.71	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign		E66. Phone Number		
NOTE: Please enter the callsign of the control callsign for which this application is being filed.	•			
E62. Street Address				
E63. City	E68. County		E67/68. State/Country	E64. Zip Code

SATELLITE EARTH STATION AUTHORIZATIONS FCC Form 312 – Schedule B:(Technical and Operational Description) FOR OFFICIAL USE ONLY

Location of Earth St	tation Site					
E1: Site Identifier:	NAKNEK	E5. Call Sign:				
E2: Contact Name	Greg Tooke	E6. Phone Number:	(907) 550–8364			
E3. Street:	Naknek	E7. City:	Naknek			
		E8. County:	Bristol Bay Borough			
E4. State	AK	E9. Zip Code	99633			
E10. Area of Operat	tion:	Naknek, AK				
E11. Latitude:	58°43 '43.7 "N					
E12. Longitude:	157 °0 '0.9 "W					
E13. Lat/Lon Coord	linates are:	○ NAD-27	● NAD-83	O N/A		
E14. Site Elevation (AMSL):		4.88 meters				

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide as a technical analysis showing compliance with two–degree spacing policy.	O Yes	⊘ No	O N/A
E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with non–geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements?	O Yes	O No	● N/A

E17. Is the facility operated by remote control? If YES, provide the locat point.	ion and telephone number of the control	O Yes	No No
E18. Is frequency coordination required? If YES, attach a frequency coordination	rdination report as	● Yes	O No
E19. Is coordination with another country required? If YES, attach the na coordination contours as	nme of the country(ies) and plot of	O Yes	No
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.11 have you attached a copy of a completed FCC Form 854 and/or the FAA the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RAPPLICATION.	O Yes	No	
POINTS OF COMMUNICATION		l	
Satellite Name: EUTELSAT115WB(S2938) EUTELSAT 115 WB 114	.9 W.L. If you selected OTHER, please en	nter the follow	ving:
E21. Common Name:	E22. ITU Name:		
E23. Orbit Location:			
POINTS OF COMMUNICATION (Destination Points)			
E25. Site Identifier:			
E26. Common Name:	E27. Country:		

ANTENNA

Site ID	E28. Antenna Id	E29	. Quantity	E30. Manuf	acturer	E31. Mod	lel	E32. Anteni Size <meters< th=""><th>s></th><th>E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)</th><th></th></meters<>	s>	E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)	
NAKNEK	VSAT 2	1		Prodeli	n	1244		2.4		0.0 dBi at	
E28. Antenna Id	E33/34. Diameter Minor/Major (meters)		. Above und Level ters)		bove Sea meters)	E37. Buil Height A Ground I (meters)	bove	E38. Total Input Powe antenna flat (Watts)		E39. Maximum Antenna Heigh Above Roofton (meters)	t EIRP for al
VSAT 2	0.0/0.0	3.0		4.88		0.0		12.0		0.0	52.1
FREQUENCY	•			l.							•
E28. Antenna Id	E43/44. Frequency Ba (MHz)	nds	E45. T/R Mo	ode	E46. Anto Polarizat L,R)		E47. E Design	mission ator		P per Carrier	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
VSAT 2	3944 4	016	R		Horizonta Vertical	l and	3M00C	G7W	0.0		0.0
E50. Modulatentirety.) Digital	ion and Services	(If th	ne complete d	escriptio	on does no	t appear in	this box	x, please go to	the o	end of the form	o view it in its
VSAT 2	3944 4	016	R		Horizonta Vertical	ıl and	72M0C	37W	0.0		0.0

E50. Modula entirety.)	ation and Servi	ces (If t	he complete d	escription does not appear	in this box, please	go to the end of	the form to view it in its
Digital							
VSAT 2	3944	4016	R	Horizontal and Vertical	7M00G7W	0.0	0.0
E50. Modula entirety.)	ation and Servi	ces (If the	he complete d	escription does not appear	in this box, please	go to the end of	the form to view it in its
Digital							
VSAT 2	3944	4016	R	Horizontal and Vertical	9M50G7W	0.0	0.0
E50. Modula entirety.)	ntion and Servi	ces (If t	he complete d	escription does not appear	in this box, please	go to the end of	the form to view it in its
Digital							

E28. Antenna Id			Range of Satellite Arc Eastern/West	Station Azimuth Angle	E57. Antenna Elevation Angle Eastern Limit	Station Azimuth Angle	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
VSAT 2	Geostationary	3944 4016	114.0/116.0	132.51	13.88	133.51	14.28	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign		E66. Phone Number		
NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.				
E62. Street Address				
E63. City	E68. County		E67/68. State/Country	E64. Zip Code

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD–PERM, Paperwork Reduction Project (3060–0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060–0678.

THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104–13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.