Date & Time Filed: May 21 2021 8:10:55:700AM

File Number: SES-LFS-20210521-00824

Callsign/Satellite ID: E210112

APPLICATION FOR EARTH STATION AUTHORIZATIONS	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: Kacific Blanket Earth Station Application and Petition for Market Access

8. Legal Name of Ap	pplicant		
Name:	Kacific Broadband Satellites International Ltd.	Phone Number:	4242546463
DBA Name:		Fax Number:	
Street:	1st Floor, B&P House	E–Mail:	bob@kacific.com
City:	Port Vila	State:	
Country:	Vanuatu	Zipcode:	-
Attention:	Mr Bob Perpall		

9–16. Name of Contact Representative

Name: Carlos M. Nalda Phone Number: 571–332–5626

Company: LMI Advisors Fax Number:

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

Suite 300

City: Washington State: DC

Country: USA Zipcode: 20037–

Attention: Carlos M. Nalda **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. a. a. a. a. a. a. c. A. a. c. A. A. A. A. B. Choose only one for 17b. A. Choose only one for 1	b. b1. Application for License of New Station b2. Application for Registration of New Domestic Receive—Only Station (N/A) b3. Amendment to a Pending Application (N/A) b4. Modification of License or Registration (N/A) b5. Assignment of License or Registration (N/A) b6. Transfer of Control of License or Registration (N/A) 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 b10. Other (Please specify) 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. b12. Application for Database Entry (N/A) b13. Amendment to a Pending Database Entry Application (N/A) b14. Modifiction of Database Entry
17c. Is a fee submitted with this applicati	
-	159. If No, indicate reason for fee exemption (see 47 C.F.R.Section 1.1114).
Governmental Entity Noncomme	rcial educational licensee
Other(please explain):	
17d.	
Fee Classification BGV – Fixed Satellite V	SAT System

18. If this filing is in reference to an	19. If this filing is an amendment to a pending a	pplication enter:
existing station, enter: (a) Call sign of station:	(a) Date pending application was filed:	(b) File number of pending application:
Not Applicable	Not Applicable	Not Applicable

TYPE OF SERVICE

I YPE OF SERVICE	
20. NATURE OF SERVICE: This filing is for an authorization to provide	or use the following type(s) of service(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 only one. Common Carrier Non–Common Carrier	22. If earth station applicant, check all that apply. Using U.S. licensed satellites Using Non–U.S. licensed satellites
23. If applicant is providing INTERNATIONAL COMMON CARRIER so facilities: Connected to a Public Switched Network Not connected to	ervice, see instructions regarding Sec. 214 filings. Choose one. Are these 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: 19700 Frequency Upper: 29800
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
d. Mobile Earth Station
(N/A) e. Geostationary Space Station
(N/A) f. Non–Geostationary Space Station
g. Other (please specify)Blanket Fixed Earth Stations
26. TYPE OF EARTH STATION FACILITY: Choose only one.
Transmit/Receive Transmit—Only Receive—Only N/A
PURPOSE OF MODIFICATION
27. The number of this proposed modification is to (Dloss on 'V' in the hou(so) post to all that analysis
27. The purpose of this proposed modification is to: (Place an 'X' in the box(es) next to all that apply.)
Nat Applicable
Not Applicable

ENVIRONMENTAL POLICY

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

environmental impact as defined by 47 CFR 1.1307? If YES, submit the

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.	Rad Hazard Report
ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aerona aeronautical fixed radio station services are not required to respond to Items 30–34.	nutical en route or
29. Is the applicant a foreign government or the representative of any foreign government?	O Yes O No
30. Is the applicant an alien or the representative of an alien?	O Yes O No ⊗ N/A
31. Is the applicant a corporation organized under the laws of any foreign government?	O Yes O 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?	O Yes O No ● N/A

have a significant

statement as required by Sections

Yes

No

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?	Yes No No 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.	Letter of Support
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 O No
	Compliance Matrix
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.	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 attemptiing 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	O 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.	O 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.	Ownership Atta	achment

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? Japan	l, what administr	ration has
43. Description. (Summarize the nature of the application and the services to be provided). (If the	ne complete desc	rintion does
not appear in this box, please go to the end of the form to view it in its entirety.)	ie complete desc.	ription does
Request for blanket earth station authorization and petition for market ac 1 satellite.	ccess of Kac	cific-
Narrative		

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.

O Individual				
Unincorporated Association				
O Partnership				
© Corporation				
l ⁻ ~				
Of Governmental Entity Other (please specify)				
45. Name of Person Signing Christian Patouraux		46. Title of Per Director	rson Signing	
47. Please supply any need attachment	ts.	•		
Attachment 1:	Attachment 2:		Attachment 3:	
			ABLE BY FINE AND / OR IMPRISO	

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: Blanket License E5. Call Sign: N/A

E2: Contact Name Bob Perpall E6. Phone 424–254–6463

Number:

E3. Street: E7. City:

E8. County:

E4. State E9. Zip Code

E10. Area of Operation: American Samoa and Commonwealth of the Northern Mariana Islands

E11. Latitude: 0 °0 '0.0 "

E12. Longitude: 0 °0 '0.0 "

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

E14. Site Elevation (AMSL): 0.0 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.	⊗ Ye	ès i	O 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 Ye	es i	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 Y	es	•	No
E18. Is frequency coordination required? If YES, attach a frequency coordination report as	O Y	es es	•	No
E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as	O Y	'es	•	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.	O Y	es	•	No
POINTS OF COMMUNICATION				
Satellite Name:OTHER OTHER If you selected OTHER, please enter the following:				

E21. Common Name: Kacific-1	E22. ITU Name: N-SAT-Y12-150E
E23. Orbit Location: 150E	E24. Country: Japan

POINTS OF COMMUNICATION (Destination Points)

E25. Site Identifier: Blanket License	
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 GainTransmint and/or Recieve (dBi atGHz)
Blanket License	1	150	Newtec	ANT2010	0.75	45.5 dBi at 29.65
						41.6 dBi at 19.875
	2		JONSA	E74		45.5 dBi at 29.65
						41.3 dBi at 19.875
	3	140	Newtec	ANT2025	1.0	48.0 dBi at 29.65
						44.1 dBi at 19.875
	4	130	JONSA	E0971V		47.1 dBi at 29.65
						44.2 dBi at 19.875

5		Newtec	ANT2035	1.2	49.6 dBi at 29.65
					45.7 dBi at 19.875
6		Global Skyware	#12159		49.2 dBi at 29.65
					45.9 dBi at 19.875
7		JONSA	E1201V22-5		48.6 dBi at 29.65
					45.5 dBi at 19.875
8	10	General Dynamics	3180	1.8	52.3 dBi at 29.65
					49.0 dBi at 19.875
9		Newstar	NS-SECK-180		52.8 dBi at 29.65
					49.2 dBi at 19.875
10			NS-SECK-240	2.4	55.1 dBi at 29.65
					51.6 dBi at 19.875
11			NS-SECK-450	4.5	60.6 dBi at 29.65
					57.1 dBi at 19.875

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	E36. Above Sea 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)
1	0.75/0.75	0.0	0.0	0.0	3.0	0.0	50.3
2	0.75/0.77	0.0	0.0	0.0	3.0	0.0	50.3
3	1.0/1.0	0.0	0.0	0.0	3.0	0.0	52.8
4	0.97/1.0	0.0	0.0	0.0	3.0	0.0	51.9
5	1.2/1.28	0.0	0.0	0.0	3.0	0.0	54.4
6	1.2/1.2	0.0	0.0	0.0	3.0	0.0	54.0
7	1.184/1.221	0.0	0.0	0.0	3.0	0.0	53.4
8	1.8/1.8	0.0	0.0	0.0	3.9	0.0	58.2
9	1.8/1.8	0.0	0.0	0.0	3.5	0.0	58.2
10	2.4/2.4	0.0	0.0	0.0	2.0	0.0	58.2
11	4.5/4.5	0.0	0.0	0.0	0.6	0.0	58.2

FREQUENCY

E28	E43/44. Frequency Bands (MHz)	E45. T/R Mode			E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
1	19700 20200	R	Right Hand Circular	450MG7W	0.0	0.0

E50. Modulation entirety.)	and Services (If the	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its		
QPSK, 8PSK	I, 8APSK, 16APS	K / data						
1	19800 19950	R	Right Hand Circular	143MG7W	0.0	0.0		
E50. Modulation entirety.)	and Services (If the	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its		
QPSK, 8PSK	, 8APSK, 16APS	K / data						
1	20050 20125	R	Left Hand Circular	71M5G7W	0.0	0.0		
E50. Modulation entirety.)	and Services (If the	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its		
QPSK, 8PSK, 16APSK / data								
1	29600 29700	Т	Left and Right Circular	194KG7W	37.9	21.0		

E50. Modulation entirety.)	and Services (If the	ne complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its			
QPSK, 8PSk	K, 8APSK, 16APS	SK / data							
1	29600 29700	Т	Left and Right Circular	3M34G7W	50.3	21.0			
entirety.)	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.) QPSK, 8PSK, 8APSK, 16APSK / data								
1	29600 29700	Т	Horizontal and Vertical	939KG7W	44.8	21.0			
E50. Modulation entirety.) QPSK, 8PSK	a and Services (If the standard Services) (If th		on does not appear in	n this box, please go t	o the end of the form	to view it in its			
1	29750 29800	Т	Left and Right Circular	194KG7W	37.9	21.0			

E50. Modulation entirety.)	and Services (If the	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its		
QPSK, 8PSK	I, 8APSK, 16APS	K / data						
1	29750 29800	Т	Left and Right Circular	3M34G7W	50.3	21.0		
entirety.)	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 ntirety.) QPSK, 8PSK, 8APSK, 16APSK / data							
1	29750 29800	Т	Left and Right Circular	939KG7W	44.8	21.0		
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		
QPSK, 8PSK, 8APSK, 16APSK / data								
2	19700 20200	R	Right Hand Circular	450MG7W	0.0	0.0		

E50. Modulati entirety.)	ion and Services (If t	he complete descripti	on does not appear in	this box, please go to	o the end of the form	to view it in its			
QPSK, 8P	SK, 8APSK, 16AP	SK / data							
2	19800 19950	R	Right Hand Circular	143MG7W	0.0	0.0			
E50. Modulati	on and Services (If t	he complete descripti	on does not appear in	this box, please go to	o the end of the form	to view it in its			
QPSK, 8P	SK, 8APSK, 16AP	SK / data							
2	20050 20125	R	Left Hand Circular	71M5G7W	0.0	0.0			
E50. Modulati entirety.)	ion and Services (If t	the complete descripti	on does not appear in	this box, please go to	o the end of the form	to view it in its			
QPSK, 8PSK, 8APSK, 16APSK / data									
2	29600 29700	Т	Left and Right Circular	194KG7W	37.9	21.0			

E50. Modulation entirety.)	n and Services (If the	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
QPSK, 8PS	K, 8APSK, 16APS	SK / data				
2	29600 29700	Т	Left and Right Circular	3M36G7W	50.3	21.0
E50. Modulation entirety.)	n 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
QPSK, 8PS	K, 8APSK, 16APS	SK / data				
2	29600 29700	Т	Left and Right Circular	939KG7W	44.8	21.0
E50. Modulation entirety.)	n and Services (If the	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
QPSK, 8PS	K, 8APSK, 16APS	SK / data				
2	29750 29800	Т	Left and Right Circular	194KG7W	37.9	21.0

E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go t	o the end of the form	to view it in its			
QPSK, 8PSF	K, 8APSK, 16APS	K / data							
2	29750 29800	Т	Left and Right Circular	3M36G7W	50.3	21.0			
E50. Modulation entirety.)	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.)								
QPSK, 8PSH	QPSK, 8PSK, 8APSK, 16APSK / data								
2	29750 29800	Т	Left and Right Circular	939KG7W	44.8	21.0			
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go t	o the end of the form	to view it in its			
QPSK, 8PSK, 8APSK, 16APSK / data									
3	19700 20200	R	Right Hand Circular	450MG7W	0.0	0.0			

E50. Modulatentirety.)	tion and Services ((If the complete d	escription does not appear in	this box, please	go to the end of t	he form to view it in	its	
QPSK, 81	PSK, 8APSK, 16.	APSK / data						
3	19800 19950	R	Right Hand Circular	143MG7W	0.0	0.0		
entirety.)	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.) QPSK, 8PSK, 8APSK, 16APSK / data							
3	20050 20125	R	Left Hand Circular	71M5G7W	0.0	0.0		
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.) QPSK, 8PSK, 8APSK, 16APSK / data								
3	29600 29700	Т	Left and Right Circular	194KG7W	37.9	21.0		

E50. Modula entirety.)	tion and Services	(If the complete de	escription does not appear	in this box, please	go to the end of the	he form to view it in i	ts	
QPSK, 8	PSK, 8APSK, 16	APSK / data						
3	29600 29700	Т	Left and Right Circular	5M93G7W	52.8	21.0		
entirety.)	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.) QPSK, 8PSK, 8APSK, 16APSK / data							
3	29600 29750	Т	Left and Right Circular	3M37G7W	50.3	21.0		
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.) QPSK, 8PSK, 8APSK, 16APSK / data								
3	29750 29800	Т	Left and Right Circular	194KG7W	37.9	21.0		

E50. Modulation entirety.)	on and Services (If	the complete descript	ion does not appear i	n this box, please go	to the end of the form	to view it in its		
QPSK, 8PS	K, 8APSK, 16AP	SK / data						
3	29750 29800	Т	Left and Right Circular	3M37G7W	50.3	21.0		
entirety.)	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.) QPSK, 8PSK, 8APSK, 16APSK / data							
3	29750 29800	Т	Left and Right Circular	5M93G7W	52.8	21.0		
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.) QPSK, 8PSK, 8APSK, 16APSK / data								
4	19700 20200	R	Right Hand Circular	450MG7W	0.0	0.0		

E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its		
QPSK, 8PSI	K, 8APSK, 16APS	K / data						
4	19800 19950	R	Right Hand Circular	143MG7W	0.0	0.0		
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.)								
QPSK, 8PSI	QPSK, 8PSK, 8APSK, 16APSK / data							
4	20050 20125	R	Left Hand Circular	71M5G7W	0.0	0.0		
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its		
QPSK, 8PSK, 8APSK, 16APSK / data								
4	29600 29700	Т	Left and Right Circular	194KG7W	37.9	21.0		

E50. Modulation entirety.)	and Services (If the	ne complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its	
QPSK, 8PSK	, 8apsk, 16aps	SK / data					
4	29600 29700	Т	Left and Right Circular	3M37G7W	50.3	21.0	
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.) QPSK, 8PSK, 8APSK, 16APSK / data							
4	29600 29700	Т	Left and Right Circular	4M86G7W	51.9	21.0	
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.) QPSK, 8PSK, 8APSK, 16APSK / data							
4	29750 29800	Т	Left and Right Circular	194KG7W	37.9	21.0	

E50. Modulation entirety.)	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	
QPSK, 8PSK	, 8apsk, 16aps	K / data					
4	29750 29800	Т	Left and Right Circular	3M37G7W	50.3	21.0	
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.) QPSK, 8PSK, 8APSK, 16APSK / data							
4	29750 29800	Т	Left and Right Circular	4M86G7W	51.9	21.0	
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.) QPSK, 8PSK, 8APSK, 16APSK / data							
5	19700 20200	R	Right Hand Circular	450MG7W	0.0	0.0	

E50. Modulati entirety.)	ion and Services (If the complete of	lescription does not appear in	this box, please	go to the end of t	he form to view it in	its	
<u> </u>	SK, 8APSK, 167	APSK / data						
5	19800 19950	R	Right Hand Circular	143MG7W	0.0	0.0		
entirety.)	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.) QPSK, 8PSK, 8APSK, 16APSK / data							
5	20050 20125	R	Left Hand Circular	71M5G7W	0.0	0.0		
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.) QPSK, 8PSK, 8APSK, 16APSK / data								
5	29600 29700	Т	Left and Right Circular	194KG7W	37.9	21.0		

E50. Modulation entirety.)	n and Services (If t	he complete descripti	on does not appear ir	this box, please go t	to the end of the form	to view it in its		
QPSK, 8PS	K, 8APSK, 16APS	SK / data						
5	29600 29700	Т	Left and Right Circular	3M37G7W	50.3	21.0		
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.) QPSK, 8PSK, 8APSK, 16APSK / data								
5	29600 29700	Т	Left and Right Circular	8M58G7W	54.4	21.0		
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.) QPSK, 8PSK, 8APSK, 16APSK / data								
5	29750 29800	Т	Left and Right Circular	194KG7W	37.9	21.0		

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		
QPSK, 8PSK	, 8apsk, 16aps	K / data						
5	29750 29800	Т	Left and Right Circular	3M37G7W	50.3	21.0		
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.) QPSK, 8PSK, 8APSK, 16APSK / data								
5	29750 29800	Т	Left and Right Circular	8M58G7W	54.4	21.0		
entirety.)	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.) QPSK, 8PSK, 8APSK, 16APSK / data							
QFOR, OPON	., UAFOR, IUAFO	ic / data						
6	19700 20200	R	Right Hand Circular	450MG7W	0.0	0.0		

E50. Modulat entirety.)	tion and Services (If the complete d	escription does not appear in	this box, please	go to the end of t	the form to view it in	its	
QPSK, 8E	PSK, 8APSK, 16	APSK / data						
6	19800 19950	R	Right Hand Circular	143MG7W	0.0	0.0		
entirety.)	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.) QPSK, 8PSK, 8APSK, 16APSK / data							
6	20050 20125	R	Left Hand Circular	71M5G7W	0.0	0.0		
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.) QPSK, 8PSK, 8APSK, 16APSK / data								
6	29600 29700	Т	Left and Right Circular	194KG7W	37.9	21.0		

E50. Modulation entirety.)	and Services (If the	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
QPSK, 8PSK	I, 8APSK, 16APS	K / data					
6	29600 29700	Т	Left and Right Circular	3M37G7W	50.3	21.0	
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.) QPSK, 8PSK, 8APSK, 16APSK / data							
6	29600 29700	Т	Left and Right Circular	7M88G7W	54.0	21.0	
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.) QPSK, 8PSK, 8APSK, 16APSK / data							
6	29750 29800	Т	Left and Right Circular	194KG7W	37.9	21.0	

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.)							
QPSK, 8PSK, 8APSK, 16APSK / data							
6	29750 29800	Т	Left and Right Circular	3M37G7W	50.3	21.0	
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.) QPSK, 8PSK, 8APSK, 16APSK / data							
6	29750 29800	Т	Left and Right Circular	7M88G7W	54.0	21.0	
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.) QPSK, 8PSK, 8APSK, 16APSK / data							
7	19700 20200	R	Right Hand Circular	450MG7W	0.0	0.0	

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.)							
QPSK, 8PSK, 8APSK, 16APSK / data							
7	19800 19950	R	Right Hand Circular	143MG7W	0.0	0.0	
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.) QPSK, 8PSK, 8APSK, 16APSK / data							
7	20050 20125	R	Left Hand Circular	71M5G7W	0.0	0.0	
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.)							
QPSK, 8PSK, 16APSK / data							
7	29600 29700	Т	Left and Right Circular	194KG7W	37.9	21.0	

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.)							
QPSK, 8PSK, 16APSK / data							
7	29600 29700	Т	Left and Right Circular	3M37G7W	50.3	21.0	
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.) QPSK, 8PSK, 8APSK, 16APSK / data							
7	29600 29700	Т	Left and Right Circular	6M86G7W	53.4	21.0	
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.) QPSK, 8PSK, 8APSK, 16APSK / data							
7	29750 29800	Т	Left and Right Circular	194KG7W	37.9	21.0	

E50. Modulation entirety.)	and Services (If the	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its			
QPSK, 8PSF	K, 8APSK, 16APS	K / data							
7	29750 29800	Т	Left and Right Circular	3M37G7W	50.3	21.0			
entirety.)	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 ntirety.) QPSK, 8PSK, 8APSK, 16APSK / data								
7	29750 29800	Т	Left and Right Circular	6M86G7W	53.4	21.0			
entirety.)	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								
8	19700 20200	R	Right Hand Circular	450MG7W	0.0	0.0			

E50. Modulation entirety.)	and Services (If th	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its			
QPSK, 8PSK	K, 8APSK, 16APS	K / data							
8	19800 19950	R	Right Hand Circular	143MG7W	0.0	0.0			
entirety.)	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 ntirety.) QPSK, 8PSK, 8APSK, 16APSK / data								
8	20050 20125	R	Left Hand Circular	71M5G7W	0.0	0.0			
entirety.)	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.) QPSK, 8PSK, 8APSK, 16APSK / data								
8	29600 29700	Т	Left and Right Circular	194KG7W	37.9	21.0			

E50. Modulation entirety.)	on and Services (I	f the complete of	description does not appear in	n this box, please	go to the end of the	he form to view it in its			
QPSK, 8PS	K, 8APSK, 16A	PSK / data							
8	29600 29700	Т	Left and Right Circular	20M8G7W	58.2	21.0			
entirety.)	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 ntirety.) QPSK, 8PSK, 8APSK, 16APSK / data								
8	29600 29700	Т	Left and Right Circular	8M64G7W	54.4	21.0			
entirety.)	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.) QPSK, 8PSK, 8APSK, 16APSK / data								
8	29750 29800	Т	Left and Right Circular	194KG7W	37.9	21.0			

E50. Modulation entirety.)	and Services (If the	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its		
QPSK, 8PSK	I, 8APSK, 16APS	K / data						
8	29750 29800	Т	Left and Right Circular	20M8G7W	58.2	21.0		
entirety.)	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 ntirety.) QPSK, 8PSK, 8APSK, 16APSK / data							
8	29750 29800	Т	Left and Right Circular	8M64G7W	54.4	21.0		
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		
QPSK, 8PSK	, 8APSK, 16APS	K / data						
9	19700 20200	R	Right Hand Circular	450MG7W	0.0	0.0		

E50. Modulation entirety.)	n and Services (If the	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its			
QPSK, 8PS	K, 8APSK, 16APS	K / data							
9	19800 19950	R	Right Hand Circular	143MG7W	0.0	0.0			
E50. Modulation entirety.)	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.)								
QPSK, 8PS	K, 8APSK, 16APS	K / data							
9	20050 20125	R	Left and Right Circular	71M5G7W	0.0	0.0			
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its			
QPSK, 8PS	K, 8APSK, 16APS	K / data							
9	29600 29700	Т	Left and Right Circular	194KG7W	37.9	21.0			

E50. Modulation entirety.)	on and Services	(If the complete de	escription does not appear	n this box, please	go to the end of the	he form to view it in its	S		
	SK, 8APSK, 16	APSK / data							
9	29600 29700	Т	Left and Right Circular	20M8G7W	58.2	21.0			
entirety.)	on and Services SK, 8APSK, 16		escription does not appear i	uno com, preuse					
9	29600 29700	Т	Left and Right Circular	8M64G7W	54.4	21.0			
entirety.)	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.) QPSK, 8PSK, 8APSK, 16APSK / data								
9	29750 29800	Т	Left and Right Circular	194KG7W	37.9	21.0			

E50. Modulation entirety.)	n and Services (If the	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its			
QPSK, 8PSH	K, 8APSK, 16APS	K / data							
9	29750 29800	Т	Left and Right Circular	20M8G7W	58.2	21.0			
entirety.) QPSK, 8PSI	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 ntirety.) QPSK, 8PSK, 8APSK, 16APSK / data								
9	29750 29800	Т	Left and Right Circular	8M64G7W	54.4	21.0			
entirety.)	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.) QPSK, 8PSK, 8APSK, 16APSK / data								
10	19700 20200	R	Right Hand Circular	450MG7W	0.0	0.0			

E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
QPSK, 8PSK	, 8APSK, 16APS	K / data				
10	19800 19950	Т	Right Hand Circular	143MG7W	0.0	0.0
E50. Modulation entirety.)	and Services (If the	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
QPSK, 8PSK	, 8APSK, 16APS	K / data				
10	20050 20125	R	Left Hand Circular	71M5G7W	0.0	0.0
E50. Modulation entirety.)	and Services (If the	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
QPSK, 8PSK	, 8apsk, 16aps	K / data				
10	29600 29700	Т	Left and Right Circular	194KG7W	37.9	21.0

E50. Modulation entirety.)	n and Services (If the	ne complete description	on does not appear in	this box, please go t	o the end of the form	to view it in its			
QPSK, 8PSI	K, 8APSK, 16APS	K / data							
10	29600 29700	Т	Left and Right Circular	20M8G7W	58.2	21.0			
entirety.)	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 ntirety.) QPSK, 8PSK, 8APSK, 16APSK / data								
10	29600 29700	Т	Left and Right Circular	8M64G7W	54.4	21.0			
entirety.)	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.) QPSK, 8PSK, 8APSK, 16APSK / data								
10	29750 29800	Т	Left and Right Circular	194KG7W	37.9	21.0			

E50. Modulation entirety.)	and Services (If the	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its		
QPSK, 8PSK	I, 8APSK, 16APS	K / data						
10	29750 29800	Т	Left and Right Circular	20M8G7W	58.2	21.0		
entirety.)	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 ntirety.) QPSK, 8PSK, 8APSK, 16APSK / data							
10	29750 29800	Т	Left and Right Circular	8M64G7W	54.4	21.0		
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		
QPSK, 8PSK	I, 8APSK, 16APS	K / data						
11	19700 20200	R	Right Hand Circular	450MG7W	0.0	0.0		

E50. Modulation entirety.)	,		on does not appear in	this box, please go t	o the end of the form	to view it in its			
QPSK, 8PS	K, 8APSK, 16APS	K / data							
11	19800 19950	R	Right Hand Circular	143MG7W	0.0	0.0			
E50. Modulation entirety.)	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.)								
QPSK, 8PS	K, 8APSK, 16APS	K / data							
11	20050 20125	R	Left Hand Circular	71M5G7W	0.0	0.0			
E50. Modulation entirety.)	n and Services (If the	ne complete description	on does not appear in	this box, please go t	o the end of the form	to view it in its			
QPSK, 8PS	K, 8APSK, 16APS	K / data							
11	29600 29700	Т	Left and Right Circular	194KG7W	37.9	21.0			

E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its		
QPSK, 8PSH	K, 8APSK, 16APS	K / data						
11	29600 29700	Т	Left and Right Circular	20M8G7W	58.2	21.0		
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 intirety.) QPSK, 8PSK, 8APSK, 16APSK / data								
11	29600 29700	Т	Left and Right Circular	8M64G7W	54.4	21.0		
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its		
QPSK, 8PSF	K, 8APSK, 16APS	K / data						
11	29750 29800	Т	Left and Right Circular	194KG7W	37.9	21.0		

E50. Modulation	and Services (If	the complete desc	cription does not appear	in this box, please	go to the end of th	ne form to view it in its
entirety.)						
QPSK, 8PSK	C, 8APSK, 16AF	PSK / data				
11	29750 29800	T	Left and Right Circular	20M8G7W	58.2	21.0
entirety.) QPSK, 8PSK	C, 8APSK, 16AF		cription does not appear			
11	29750 29800	Т	Left and Right Circular	8M64G7W	54.4	21.0
E50. Modulation entirety.) QPSK, 8PSK	and Services (If		cription does not appear	in this box, please	go to the end of th	ne form to view it in its

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
1	Geostationary	19700 29800	150.0/ 150.0	286.8	40.8	158.8	72.9	-32.7
2	Geostationary	19700 29800	150.0/ 150.0	286.8	40.8	158.8	72.9	-32.7
3	Geostationary	19700 29800	150.0/ 150.0	286.8	40.8	158.8	72.9	-35.2
4	Geostationary	19700 29800	150.0/ 150.0	286.8	40.8	158.8	72.9	-34.3
5	Geostationary	19700 29800	150.0/ 150.0	286.8	40.8	158.8	72.9	-36.8
6	Geostationary	19700 29800	150.0/ 150.0	268.8	40.8	158.8	72.9	-36.4
7	Geostationary	19700 29800	150.0/ 150.0	286.8	40.8	158.8	72.9	-35.8
8	Geostationary	19700 29800	150.0/ 150.0	286.8	40.8	158.8	72.9	-39.5
9	Geostationary	19700 29800	150.0/ 150.0	286.8	40.8	158.8	72.9	-40.0
10	Geostationary	19700 19800	150.0/ 150.0	286.8	40.8	158.8	72.9	-42.3
11	Geostationary	19700 29800	150.0/ 150.0	286.8	40.8	158.8	72.9	-47.8

REMOTE CONTROL POINT LOCATION

E61. Call Sign	E65. Phone Number			
NOTE: Please enter the callsign of the control callsign for which this application is being filed.				
E62. Street Address				
E63. City	E67. County		E64/68. State/Country	E66. Zip Code

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