Date & Time Filed: Nov 5 2018 3:44:44:753PM File Number: SES-MOD-INTR2018-10168

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:

Earth Station MOD Fairbanks, AK

Larui Station WOI	7 Tanoanks, Ark		
1–8. Legal Name of	Applicant		
Name:	DG Consents Sub, Inc.	Phone Number:	303-682-1390
DBA		Fax Number:	303-684-1390
Name:			
Street:	1300 W. 120th Avenue	E–Mail:	libby.smith@digitalglobe.com
			,
City:	Westminster	State:	CO
City:	westilinster	State:	CO
Country	v: USA	Zipcode:	80234 –
Attentio	on: Ms Libby Smith		
	-		

9–16. Name of Contact Representative

Name: Henry Gola Phone Number: 2027197561

Company: Wiley Rein LLP **Fax Number:**

Street: 1776 K St NW E-Mail: hgola@wileyrein.com

City: Washington State: DC

Country: USA Zipcode: 20006–

Attention: Relationship: Legal Counsel

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

"	159. If No, indicate reason for fee exemption (se	ee 47 C.F.R.Section 1.1114).
Ofther(please explain):	ercial educational licensee	
Fee Classification CGX – Fixed Satellite Station	Transmit/Receive Earth	
18. If this filing is in reference to an existing station, enter:	19. If this filing is an amendment to a pending a modification please enter only the file number:	pplication enter both fields, if this filing is a
(a) Call sign of station: E950499	(a) Date pending application was filed:	(b) File number:
E/304//		SESMOD2013022800223
	1	

TYPE OF SERVICE

20. NATURE OF SERVICE: This filing is for an authorization to provide	e 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	22. If earth station applicant, check all that apply.
only one.	■ Using U.S. licensed satellites
O Common Carrier Non–Common Carrier	Using Non–U.S. licensed satellites
23. If applicant is providing INTERNATIONAL COMMON CARRIER s facilities:	ervice, see instructions regarding Sec. 214 filings. Choose one. Are these
O Connected to a Public Switched Network O Not connected to a	Public Switched Network N/A
24. FREQUENCY BAND(S): Place an 'X' in the box(es) next to all a	pplicable 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: 2025 Frequency Upper: 8400	(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	
d. Mobile Earth Station	
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 & Double of Communication)
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

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	cal en	rou	te or		
29. Is the applicant a foreign government or the representative of any foreign government?	٥	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?		Yes	0	No	•	N/A

Yes
 No

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

impact as defined by 47 CFR 1.1307? If YES, submit the statement as required by Sections 1.1308 and 1.1311 of

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?	O Yes O	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.		
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.	o 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.	O 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.	O 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	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.		

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.	O Yes	No
42b. What administration has licensed or is in the process of licensing the space station? If no license will be issued, we coordinated or is in the process of coordinating the space station?	hat administr	ration has
43. Description. (Summarize the nature of the application and the services to be provided). (If the complete description box, please go to the end of the form to view it in its entirety.)	on does not a	ppear in this
Licensee requests MOD of its authorization to add an antenna to earth static	n E954049	99.
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.

44. Applicant is a (an): (Choose the button next to ap	pplicable response.)	
O Individual		
O Unincorporated Association		
O Partnership		
Corporation		
Governmental Entity		
Other (please specify)		
-		
45. Name of Person Signing	46. Title of Person Signing	
Libby J. Smith	Technology Control Officer	
>	•	

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

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: 1 E5. Call Sign: E950499

E2: Contact Name Anthony Mumm E6. Phone 3036844792

Number:

E3. Street: 3 MILE, CHENA E7. City: Fairbanks

HOT SPRINGS

ROAD

E8. County: North Star

E4. State AK E9. Zip Code 99712

E10. Area of Operation: Fairbanks, AK

E11. Latitude: 64 °53 '26.0 "N

E12. Longitude: 147 °31 '44.0 "W

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

E14. Site Elevation (AMSL): 215.0 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	O No	● 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	O N/A
E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.	⊚ Ye	s O	No
E18. Is frequency coordination required? If YES, attach a frequency coordination report as Coordination Report	● Ye	s o	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.	O Ye	s 🔞	No
POINTS OF COMMUNICATION	.1		
Satellite Name: GeoEye 1 (S2348) GeoEye 1 NGSO If you selected OTHER, please enter the following:			

E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name: WORLDVIEW-2(S2129) USASAT-30A NGSO II	you selected OTHER, please enter the following:
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name: WORLDVIEW-4 (S2348) USASAT-30A NGSO I	f you selected OTHER, please enter the following:
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name: WORLDVIEW-1(S2129) USASAT-30A NGSO II	you selected OTHER, please enter the following:
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name: GeoEye 2 (S2348) GeoEye 2 NGSO If you selected	OTHER, please enter the following:
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name: WORLDVIEW-3 (S2129) USASAT-30A NGSO I	f 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:	

E26. Common Name:	E27. Country:

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)
1	2	1	ViaSat	V8X-Y	5.4	36.6 dBi at 2.0250
1	2	1	ViaSat	V8X-Y	5.4	28.5 dBi at 8.03000
1	1	1	DATRON/TRA NSCO	8300	7.3	51.5 dBi at 8
1	1	1	DATRON/TRA NSCO	8300	7.3	40.3 dBi at 2.0250

Id	Diameter	E35. Above Ground Level (meters)	` ′	Height Above Ground Level	E38. Total Input Power at antenna flange (Watts)	U	EIRP for al
2	5.4/5.4	6.4	221.6	0.0	50.0	6.4	53.6
1	7.3/7.3	6.0	221.0	0.0	11.0	0.0	51.0

FREQUENCY

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode	E46. Antenna Polarization(H,V, L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
2	8025 8345	R	Right Hand Circular	320MG7D	0.0	0.0
E50. Modulation entirety.)	and Services (If the	ne complete descripti	on does not appear in	this box, please go	to the end of the form	to view it in its
2	8030 8030	R	Right Hand Circular	4M00G7D	0.0	0.0
E50. Modulation entirety.) Telemetry	and Services (If the	ne complete descripti	on does not appear in	this box, please go	to the end of the form	to view it in its
2	8025 8395	R	Left and Right Circular	370MG1D	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
QPSK, DATA	A						
2	8135	8285	R	Left and Right Circular	150MG1D	0.0	0.0
entirety.) QPSK, DATA	A						
2	8380	8380	R	Left Hand Circular	5M80G7D	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.) DIGITAL/TELEMETRY							
2	8345.9680 8346.0320		R	Right Hand Circular	64K0G1D	0.0	0.0

E50. Nentirety.)		and Services	(If th	ne complete descrip	otion does not appear	in this box, please g	so to the end of	the form to view it in its
IMZ	AGE DATA							
2		8025	8400	R	Left and Right Circular	375MG7D	0.0	0.0
entirety.)		and Services		ne complete descrip	otion does not appear	in this box, please g	to to the end of	the form to view it in its
2		8385.9400 8386.06		R	Right Hand Circular	120KG1D	0.0	0.0
entirety.)		and Services	(If th	ne complete descrip	otion does not appear	in this box, please g	to to the end of	the form to view it in its
2		8393.9705 8394.0295		R	Right Hand Circular	59K7G1D	0.0	0.0

E50. Modulation	and Services	(If th	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
entirety.)							
QPSK, TELE	METRY						
2	2042	2042	Т	Right Hand Circular	68K0G2D	53.6	53.6
E50. Modulation entirety.)	and Services	(If th	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
BPSK (TT&C	2)						
2	2052	2052	Т	Right Hand Circular	1M32G1D	53.6	41.6
E50. Modulation entirety.)	and Services	(If th	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
BPSK (TT&C	2)						
2	2052	2052	Т	Right Hand Circular	68K0G2D	53.6	53.6

E50. Modulation entirety.)	and Services	(If th	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
BPSK (TT&C	!)							
2	2085.6875 2085.6875		Т	Right Hand Circular	250KFXD	53.6	35.6	
E50. Modulation entirety.)	·							
2	2094.8960 2094.8960		Т	Right Hand Circular	250KFXD	53.6	35.6	
E50. Modulation entirety.)	and Services	(If th	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
2	2042	2042	Т	Right Hand Circular	NON	53.6	53.6	

	50. Modulation	and Services (If the	he complete descripti	on does not appear in	this box, please go t	o the end of the form	to view it in its
entir	ety.)						
	UNMODULATE	D CARRIER					
2		2052 2052	Т	Right Hand Circular	NON	53.6	53.6
entir	50. Modulation ety.) UNMODULATE		ic complete descripti	on does not appear in	tims box, pieuse go t	o the end of the form	to view it in its
2		2092.6 2092.6	Т	Right Hand Circular	1M32G1D	53.6	41.6
E entir	50. Modulation ety.)	and Services (If the	he complete descripti	on does not appear in	this box, please go t	o the end of the form	to view it in its
	BPSK (TT&C	!)					
2		2092.6 2092.6	Т	Right Hand Circular	NON	53.6	53.6

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.)						
UNMODULAT	'ED CARRIE	R					
2	2085.6875 2085.6875		Т	Right Hand Circular	1M32G1D	53.6	41.6
E50. Modulation entirety.)	on and Service	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/	TT&C						
2	2094.8960 2094.8960		Т	Right Hand Circular	1M32G1D	53.6	41.6
E50. Modulation entirety.)	on and Service	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/1	T&C						
1	8025	8345	R	Right Hand Circular	320MG7D	0.0	0.0

E50. Modulation entirety.)	and Services	(If th	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
DATA							
1	8030	8030	R	Right Hand Circular	4M00G7D	0.0	0.0
E50. Modulation entirety.) Telemetry						o the end of the form	
1	8025	8395	R	Left and Right Circular	370MG1D	0.0	0.0
E50. Modulation entirety.) QPSK, Data		(If th	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
1	8135	8285	R	Left and Right Circular	150MG1D	0.0	0.0

E50. Modulation entirety.)	and Services	(If th	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, DATA							
1	8380	8380	R	Left Hand Circular	5M80G7D	0.0	0.0
E50. Modulation entirety.)						o the end of the form	
1	8345.9680 8346.0320		R	Right Hand Circular	64K0G1D	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.) IMAGE DATA							
1	8025	8400	R	Left and Right Circular	375MG7D	0.0	0.0

E50. Modulation entirety.)	and Services (If t	he complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
	ATA/DOWNLINK					
1	8385.9400 8386.06	R	Right Hand Circular	120KG1D	0.0	0.0
E50. Modulation entirety.)	and Services (If t	he complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
QPSK, TELE	METRY					
1	8393.9705 8394.0295	R	Right Hand Circular	59K7G1D	0.0	0.0
E50. Modulation entirety.)	and Services (If t	he complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
QPSK, TELE	CMETRY					
1	2042 2042	Т	Right Hand Circular	68K0G2D	51.0	51.0

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
BPSK (TT&C	!)					
1	2052 2052	Т	Right Hand Circular	1M32G1D	51.0	39.0
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
BPSK (TT&C						
1	2052 2052	Т	Right Hand Circular	68K0G2D	51.0	51.0
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
BPSK (TT&C	!)					
1	2085.6875 2085.6875	Т	Right Hand Circular	250KFXD	48.0	30.0

E50. Modulation entirety.)	and Services (If t	he complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
TT&C						
1	2094.8960 2094.8960	Т	Right Hand Circular	250KFXD	48.0	30.0
E50. Modulation entirety.)	and Services (If t	he complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
TT&C						
1	2042 2042	Т	Right Hand Circular	NON	51.0	51.0
E50. Modulation entirety.)	and Services (If t	he complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
UNMODULATE	ED CARRIER					
1	2052 2052	Т	Right Hand Circular	NON	51.0	51.0

E50. M entirety.)	odulation and Services (If t	he complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
UNMO	DDULATED CARRIER					
1	2092.6 2092.6	Т	Right Hand Circular	1M32G1D	51.0	39.0
E50. Mentirety.)	odulation and Services (If t	he complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
BPSK	(TT&C)					
1	2092.6 2092.6	Т	Right Hand Circular	NON	51.0	51.0
E50. Mentirety.)	odulation and Services (If t	he complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
UNMC	ODULATED CARRIER					
1	2085.6875 2085.6875	Т	Right Hand Circular	1M32G1D	51.0	39.0

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
DIGITAL/TT	%C					
1	2094.8960 2094.8960	Т	Right Hand Circular	1M32G1D	51.0	39.0
E50. Modulation entirety.)		ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its

FREQUENCY COORDINATION

E28. Antenna Id	l	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	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
2	Non– Geostationary	8025 8400	0.0/0.0	0.0	0.0	0.0	0.0	0.0

	Non– Geostationary	8030 8030	0.0/0.0	0.0	0.0	0.0	0.0	0.0
	Non- Geostationary	8380 8380	0.0/0.0	0.0	0.0	0.0	0.0	0.0
	Non- Geostationary	2042 2042	0.0/0.0	0.0	5.0	360.0	5.0	24.4
	Non- Geostationary	2052 2052	0.0/0.0	0.0	5.0	360.0	5.0	24.4
	Non- Geostationary	2092.6 2092.6	0.0/0.0	0.0	5.0	360.0	5.0	24.4
	Non- Geostationary	2085.6875 2085.6875	0.0/0.0	0.0	5.0	360.0	5.0	8.5
	Non- Geostationary	2085.6875 2085.6875	0.0/0.0	0.0	5.0	360.0	5.0	21.0
	Non– Geostationary	2094.8960 2094.8960	0.0/0.0	0.0	5.0	360.0	5.0	8.5
	Non– Geostationary	2094.8960 2094.8960	0.0/0.0	0.0	5.0	360.0	5.0	21.0
1	Non- Geostationary	8025 8400	0.0/0.0	0.0	0.0	360.0	0.0	0.0

Non– Geostation	8030 ary 8030	0.0/0.0	0.0	0.0	360.0	0.0	0.0
Non– Geostation	8380 ary 8380	0.0/0.0	0.0	0.0	360.0	0.0	0.0
Non– Geostation	2042 ary 2042	0.0/0.0	0.0	5.0	360.0	5.0	24.4
Non– Geostation	2052 ary 2052	0.0/0.0	0.0	5.0	360.0	5.0	24.4
Non– Geostation	2092.6 ary 2092.6	0.0/0.0	0.0	5.0	360.0	5.0	24.4
Non- Geostation	2085.6875 ary 2085.6875	0.0/0.0	0.0	5.0	360.0	5.0	8.5
Non– Geostation	2085.6875 ary 2085.6875	0.0/0.0	0.0	5.0	360.0	5.0	21.0
Non– Geostation	2094.8960 ary 2094.8960	0.0/0.0	0.0	5.0	360.0	5.0	8.5
Non– Geostation	2094.8960 ary 2097.8960	0.0/0.0	0.0	5.0	360.0	5.0	21.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign NOTE: Please enter the callsign of the contro callsign for which this application is being filed.		E66. Phone Number 303–684–4587		
E62. Street Address 1601 Dry Creek Dr. Suite 260	'			
E63. City Longmont	E68. County Boulder		E67/68. State/Country CO/ USA	E64. Zip Code 80503

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.