Date & Time Filed: Oct 8 2003 9:09:09:110AM File Number: SES-MOD-INTR2003-01972

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:

VSAT Mod to Add Remotes

VSAI Woo to Add Ro			
1–8. Legal Name of Ap	plicant		
Name:	Stratos Offshore Services Company	Phone Number:	504-323-2708
DBA Name:		Fax Number:	504-323-2768
Street:	701 Poydras St. Suite 1550	E–Mail:	greg.necaise@stratosglobal.co
City:	New Orleans	State:	LA
Country:	USA	Zipcode:	70139 –
Attention:	Greg Necaise		

9–16. Name of Contact Representative (If other than applicant)

Name: Alfred Mamlet Phone Number: 202–429–3000

Company: Steptoe & Johnson Fax Number: 202–429–3902

Street: 1330 Connecticut Ave., NW E-Mail: amamlet@steptoe.com

City: Washington State: DC

Country: USA Zipcode: 20036–

Contact Relationship: Legal Counsel

Title:

#### **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.

(N/A) b1.

(N/A) b2.

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

(N/A) b3. Amendment to a Pending Application

(N/A) b4. Modification of License or Registration

b5. Assignment of License or Registration

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

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

17c. Is a fee submitted with this applicati a If Yes, complete and attach FCC Form	on? 159. If No, indicate reason for fee exemption	(see 47 C.F.R.Section 1.1114).
Governmental Entity Noncomme		
Other(please explain):		
17d.		
Fee Classification A CGV – Fixed Satellite	VSAT System	
18. If this filing is in reference to an existing station, enter:	19. If this filing is an amendment to a pending modification please enter only the file number.	
(a) Call sign of station: E980235	(a) Date pending application was filed:	(b) File number:
L700233		SESMOD2001082201612

## TYPE 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 22. If earth station applicant, check all that apply.
only one. Using U.S. licensed satellites
Common Carrier Using Non–U.S. licensed satellites
23. If applicant is providing INTERNATIONAL COMMON CARRIER service, see instructions regarding Sec. 214 filings. Choose one. Are these facilities:
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 sta	tion that applies. Choose only	one.	
a. Fixed Earth Station				
o b. Temporary–Fixed Earth Station				
o. 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/Δ		
Transmit/Receive Transmit-Only "For Space Station applications, select N/A."	O Receive—Only	O 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 (satellites & Doub
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.		RadF	Iaz			
ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aeronaeronautical fixed radio station services are not required to respond to Items 30–34.	autic	al en	rout	te or		
29. Is the applicant a foreign government or the representative of any foreign government?	0	Yes	•	No	0	N/A
30. Is the applicant an alien or the representative of an alien?	0	Yes	•	No	0	N/A
31. Is the applicant a corporation organized under the laws of any foreign government?	0	Yes	•	No	0	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	•	No	0	N/A

O Yes O 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?	● Yes ○ 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.	Owner	
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.	<b>⊗</b> Yes <b>⊘</b> No	
	VSATAtt	
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 O No	
	Remote 3	

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
	Remote 4	
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	O Yes	No
means or unfair methods of competition? If Yes, attach as an exhibit, an explanation of circumstances	Remote 5	
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
	Remote 6	
40. If the applicant is a compaction and is applying for a space station linears attach as an arbibit the pares		
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.	Remote 7	

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 descriptions, please go to the end of the form to view it in its entirety.)  See attached narrative.  Narrative	on does not a	ppear in this

#### **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.

true, complete and correct to the best of his or h	ner knowledge and beli	ef, and are made in good f	faith.	
44. Applicant is a (an): (Choose the button next	to applicable response	e.)		
<ul><li>Individual</li><li>Unincorporated Association</li><li>Partnership</li></ul>				
Corporation				
Governmental Entity				
Other (please specify)				
45. Name of Person Signing		46. Title of Person Sig		
Peter C. Malcolm		IP VSAT Program Ma	nager	
47. Please supply any need attachments.				
Attachment 1:	Attachment 2:		Attachment 3:	

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 St	tation Site			
E1: Site Identifier:	Remote 2	E5. Call Sign:	E980235	
E2: Contact Name	Peter C. Malcolm	E6. Phone Number:	(337) 761–3574	
E3. Street:	1710 W. Willow St.	E7. City:	Scott	
		E8. County:	Lafayette	
E4. State	LA	E9. Zip Code	70583	
E10. Area of Opera	tion:	CONUS, Gulf of M	exico	
E11. Latitude:	0 °0 '0.0 "			
E12. Longitude:	0 °0 '0.0 "			
E13. Lat/Lon Coord	linates are:	O NAD-27	● NAD-83	O 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.

E16. If the proposed antenna(s) do not operate in the Fixed Satellite Ser 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	<b>O</b> Yes	O No	● N/A
E17. Is the facility operated by remote control? If YES, provide the loca point.	tion and telephone number of the control	Yes	٥	No
E18. Is frequency coordination required? If YES, attach a frequency coordination	ordination report as	O Yes	•	No
E19. Is coordination with another country required? If YES, attach the n 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 FAA the structure to aviation?  FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL I APPLICATION.	O Yes	•	No	
POINTS OF COMMUNICATION				
Satellite Name: OTHER If you selected OTHER, please enter the	following:			
E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: Netherlands			
Satellite Name: OTHER If you selected OTHER, please enter the	following:			

E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
123. Offit Location. 101W	124. Country. Con				
Satellite Name: OTHER If you selected OTHER, please enter the f	Collowing.				
, , , , , , , , , , , , , , , , , , ,					
E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
Satellite Name: OTHER If you selected OTHER, please enter the f	following:				
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
Satellite Name: OTHER If you selected OTHER, please enter the following:					
E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
Satellite Name: OTHER If you selected OTHER, please enter the f	Following:				
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
Satellite Name: OTHER If you selected OTHER, please enter the f	Collowing:				
E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
	•				
Satellite Name: OTHER If you selected OTHER, please enter the f	Collowing:				

E21. Common Name: AMC-4	E22. ITU Name: AMC-4
E23. Orbit Location: 101W	E24. Country: USA
POINTS OF COMMUNICATION (Destination Points)	
E25. Site Identifier: Remote 2	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name: AMC-4	E27. Country: USA

E25. Site Identifier: Remote 2	
E26. Common Name: AMC-4	E27. Country: USA
	•
E25. Site Identifier: Remote 2	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name: NSS-7	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)
Remote 2	Remote 2	100	Channel Master	120	0.0	0.0 dBi at
						0.0 dBi at
						0.0 dBi at
						0.0 dBi at

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	` ′	E37. Building Height Above Ground Level (meters)	E38. Total Input Power at antenna flange (Watts)	E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
Remote 2	0.0/0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remote 2	0.0/0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remote 2	0.0/0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remote 2	0.0/0.0	0.0	0.0	0.0	0.0	0.0	0.0

## FREQUENCY

E28	E43/44. Frequency Bands (MHz)	E45. T/R Mode		EIRP per Carrier (dBW)	E49. Maximum ERIP Density 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.)	

# FREQUENCY COORDINATION

E28.	E51. Satellite	E52/53.	E54/55.	E56. Earth	E57.	E58. Earth	E59.	E60.
Antenna Id	Orbit Type	Frequency	Range of	Station	Antenna	Station	Antenna	Maximum
		Limits(MHz)	Satellite Arc	Azimuth	Elevation	Azimuth	Elevation	EIRP Density
			Eastern/West	Angle	Angle	Angle	Angle	toward the
			ern Limit	Eastern Limit	Eastern Limit	Western	Western	Horizon
						Limit	Limit	(dBW/4kHz)

	/					
REMOTE CONTROL POINT LOCATION	I	<u> </u>				
E61. Call Sign E980235 NOTE: Please enter the callsign of the contro callsign for which this application is being filed.	lling station, not the	E66. Pho (337) 761	ne Number 1–2000			
E62. Street Address 1710 W. Willow Street						
E63. City Scott	E68. County Lafayette			E67/68. State/Country LA/ USA	705	I. Zip Code 83
E61. Call Sign E980235 NOTE: Please enter the callsign of the contro callsign for which this application is being filed.	lling station, not the	E66. Pho (337) 761	ne Number 1–2000			
E62. Street Address 1710 W. Willow Street						
E63. City Scott	E68. County Lafayette			E67/68. State/Country LA/ USA	705	I. Zip Code 83

# 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:	Remote 2	E5. Call Sign:	E980235		
E2: Contact Name	Peter C. Malcolm	E6. Phone Number:	(337) 761–3574		
E3. Street:	1710 W. Willow St.	E7. City:	Scott		
		E8. County:	Lafayette		
E4. State	LA	E9. Zip Code	70583		
E10. Area of Operat	cion:	CONUS, Gulf of Mo	exico		
E11. Latitude:	0 °0 '0.0 "				
E12. Longitude:	0 °0 '0.0 "				
E13. Lat/Lon Coord	linates are:	O NAD-27	<b>●</b> NAD-83	O 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.	<b>●</b> Yes	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 Yes	O No	● N/A

E17. Is the facility operated by remote control? If YES, provide the loca point.	ntion and telephone number of the control	Yes No
E18. Is frequency coordination required? If YES, attach a frequency coordination	ordination report as	O Yes O No
E19. Is coordination with another country required? If YES, attach the recoordination 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 FAZ 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: OTHER If you selected OTHER, please enter the	following:	
E21. Common Name: NSS-7	E22. ITU Name: NSS-16	
E23. Orbit Location: 22W	E24. Country: Netherlands	
Satellite Name: OTHER If you selected OTHER, please enter the	following:	
E21. Common Name: AMC-4	E22. ITU Name: AMC-4	
E23. Orbit Location: 101W	E24. Country: USA	
Satellite Name: OTHER If you selected OTHER, please enter the	following:	

E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
	· · · · · · · · · · · · · · · · · · ·				
Satellite Name: OTHER If you selected OTHER, please enter the fe	ollowing:				
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
Satellite Name: OTHER If you selected OTHER, please enter the fe	ollowing:				
E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
Satellite Name: OTHER If you selected OTHER, please enter the fe	ollowing:				
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
Satellite Name: OTHER If you selected OTHER, please enter the form	ollowing:				
E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
Satellite Name: OTHER If you selected OTHER, please enter the for	ollowing:				
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
POINTS OF COMMUNICATION (Destination Points)					
E25. Site Identifier: Remote 2					

E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name:	E27. Country: USA
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E25. Site Identifier: Remote 2	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 2	
E23. Site identifier. Kelliote 2	

E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 2	
E26. Common Name: NSS-7	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)
Remote 2	Remote 2	100	Channel Master	120	0.0	0.0 dBi at
						0.0 dBi at
						0.0 dBi at
						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
Remote 2	0.0/0.0	0.0	0.0	0.0	0.0	0.0	0.0

Remote 2	0.0/0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remote 2	0.0/0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remote 2	0.0/0.0	0.0	0.0	0.0	0.0	0.0	0.0

## 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)
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go	to the end of the form	to view it in its

## FREQUENCY COORDINATION

E28.	E51. Satellite	E52/53.	E54/55.	E56. Earth	E57.	E58. Earth	E59.	E60.
Antenna Id	Orbit Type	Frequency		Station	Antenna	Station		Maximum
		Limits(MHz)	Satellite Arc	Azimuth	Elevation	Azimuth	Elevation	EIRP Density
			Eastern/West	Angle	Angle	Angle	Angle	toward the
			ern Limit	Eastern Limit	Eastern Limit	Western	Western	Horizon
						Limit	Limit	(dBW/4kHz)
			/					

REMOTE CONTROL POINT LOCATION

E61. Call Sign E980235 NOTE: Please enter the callsig	n of the controlling station, not the is being filed.	E66. Phone Number (337) 761–2000		
E62. Street Address 1710 W. Willow Street		•		
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583
E61. Call Sign E980235 NOTE: Please enter the callsig	n of the controlling station, not the is being filed.	E66. Phone Number (337) 761–2000	•	
E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583

# 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:	Remote 3	E5. Call Sign:	E980235	
E2: Contact Name	Peter C. Malcolm	E6. Phone Number:	(337) 761–3574	
E3. Street:	1710 W. Willow St.	E7. City:	Scott	
		E8. County:	Lafayette	
E4. State	LA	E9. Zip Code	70583	
E10. Area of Operat	ion:	CONUS, Gulf of Me	exico	
E11. Latitude:	0 °0 '0.0 "			
E12. Longitude:	0 °0 '0.0 "			
E13. Lat/Lon Coord	linates are:	<b>○</b> NAD-27	<b>●</b> NAD-83	O 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.	<b>●</b> Yes	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 Yes	O No	● N/A

E17. Is the facility operated by remote control? If YES, provide the loca point.	Yes No				
E18. Is frequency coordination required? If YES, attach a frequency coordination	ordination report as	O Yes O No			
E19. Is coordination with another country required? If YES, attach the recoordination 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 FAZ 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: OTHER If you selected OTHER, please enter the	following:				
E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
Satellite Name: OTHER If you selected OTHER, please enter the	following:				
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
Satellite Name: OTHER If you selected OTHER, please enter the	following:				

	<del> </del>				
E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:				
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:				
E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:				
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:				
E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:				
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
POINTS OF COMMUNICATION (Destination Points)					
E25. Site Identifier: Remote 3					

E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name: AMC–4	E27. Country: USA
	I
E25. Site Identifier: Remote 3	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name: AMC-4	E27. Country: USA
	· -
E25. Site Identifier: Remote 3	

E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name: NSS-7	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)
Remote 3	Remote 3	100	Channel Master	243	2.4	47.6 dBi at 11.950
						47.6 dBi at 11.950
						47.6 dBi at 11.950
						47.6 dBi at 11.950
						49.3 dBi at 14.250

			49.3 dBi at 14.250
			49.3 dBi at 14.250
			49.3 dBi at 14.250
			47.5 dDi at 14.250

E28. Antenna Id		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)	
Remote 3	0.0/0.0	0.0	0.0	0.0	2.0	0.0	52.3
Remote 3	0.0/0.0	0.0	0.0	0.0	2.0	0.0	52.3
Remote 3	0.0/0.0	0.0	0.0	0.0	2.0	0.0	52.3
Remote 3	0.0/0.0	0.0	0.0	0.0	2.0	0.0	52.3

# FREQUENCY

	E43/44. Frequency Bands (MHz)	E45. T/R Mode			EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
Remote 3	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0

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, Data	ı						
Remote 3	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0	
E50. Modulation entirety.)  QPSK, Data		ne complete description	on does not appear in	this box, please go t	o the end of the form	to view it in its	
Remote 3	11700 12200	R	Horizontal and Vertical	50KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	50KG7D	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.)	and betvices (if the	ie complete description	on does not appear in	tins box, pieuse go to	o the cha of the form	to view it in its		
QPSK, Data	1							
Remote 3	11700 12200	R	Horizontal and Vertical	50KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	50KG7D	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, Data	1							
Remote 3	11700 12200	R	Horizontal and Vertical	50KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0	
E50. Modulation entirety.)  QPSK, Data	,	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0	

E50. Modulation	and Services (If th	e complete description	on does not annear in	this hox please on to	o the end of the form	to view it in its	
entirety.)	und Services (II un	ie complete description	on does not appear in	tins box, pieuse go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0	
E50. Modulation entirety.)  QPSK, Data	·	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0	

E50. Modulation	and Services (If th	e complete description	on does not annear in	this hox please on to	o the end of the form	to view it in its	
entirety.)	und Services (II un	ie complete description	on does not appear in	tins box, pieuse go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0	

E50. Modulation	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	
entirety.)	and services (if the	ie complete description	on does not appear in	tins box, pieuse go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0	
E50. Modulation entirety.)  QPSK, Data	`	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
VI DIC, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0	

E50. Modulation	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	
entirety.)	and services (if the	ie complete description	on does not appear in	tins box, pieuse go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0	
E50. Modulation entirety.)  QPSK, Data	`	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
VI DIC, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0	

E50. Modulation	and Campiage (If the	a commista decemintis	n door not annousin	this how places on to	the and of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	tills box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 3	11700	R	Horizontal and	200KG7D	0.0	0.0
Remote 3	12200	K	Vertical Vertical	200KG7D	0.0	0.0
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, Data						
Remote 3	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0
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, Data						
Remote 3	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0

E50. Modulation entirety.)	and Services (If the	ne complete descripti	on does not appear in	n this box, please go t	o the end of the form	to view it in its
QPSK, data	1					
Remote 3	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0
E50. Modulation entirety.)	and Services (If the	ne complete descripti	on does not appear in	n this box, please go t	o the end of the form	to view it in its
QPSK, data	1					
Remote 3	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0
E50. Modulation entirety.)  QPSK, data		ne complete descripti	on does not appear in	n this box, please go t	o the end of the form	to view it in its
Remote 3	11700 12200	R	Horizontal and Vertical	400KG7D	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.)			on does not uppen in	time com, product go to	o <b>uno cino</b> or <b>uno</b> roma	VO	
QPSK, data							
Remote 3	11700 12200	R	Horizontal and Vertical	400KG7D	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, data							
Remote 3	11700 12200	R	Horizontal and Vertical	400KG7D	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, data							
Remote 3	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0	

E50. Modulation	and Services (If the	ne complete description	on does not appear in	this hox please go t	o the end of the form	to view it in its	
entirety.)	and services (if the	te complete descriptiv	on does not appear in	tins box, prease go t	o the old of the form	to view it in its	
QPSK, data	À						
Remote 3	11700 12200	R	Horizontal and Vertical	400KG7D	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, data							
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
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, Data							
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	

E50. Modulation	and Services (If th	e complete description	on does not annear in	this how please go to	the end of the form	to view it in its	
entirety.)	and services (ii th	ic complete description	on does not appear in	tilis box, piease go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
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, Data							
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
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, Data							
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	

E50. Modulation	and Services (If th	e complete description	on does not annear in	this how please go to	the end of the form	to view it in its	
entirety.)	and services (ii th	ic complete description	on does not appear in	tilis box, piease go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
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, Data							
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
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, Data							
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	

E50. Modulation	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	
entirety.)	,	1 1	11	, I &			
QPSK, Data	Į.						
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	
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, Data							
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	
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, Data	1						
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	

E50. Modulation	and Services (If the	ne complete description	on does not annear in	this how please go to	o the end of the form	to view it in its
entirety.)	and services (if the	ic complete description	on does not appear in	tills box, picase go to	o the end of the form	to view it in its
QPSK, Data						
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)  QPSK, Data		ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
QPSK, Data						
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2

E50. Modulation	and Services (If the	ne complete description	on does not annear in	this how please go to	o the end of the form	to view it in its
entirety.)	and services (if the	ic complete description	on does not appear in	tills box, picase go to	o the end of the form	to view it in its
QPSK, Data						
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)  QPSK, Data		ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
QPSK, Data						
Remote 3	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

E50. Modulation	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
entirety.)	(	r	T. T	, r		
QPSK, Data	a					
Remote 3	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data		he complete descripti	on does not appear ir	this box, please go t	to the end of the form	to view it in its
Remote 3	14000 14500	T	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)	n and Services (If t	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its
QPSK, Data	a					
Remote 3	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

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, Data	1					
Remote 3	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data	,	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 3	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data	`	ne complete description			o the end of the form	
Remote 3	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

E50. Modulation	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
entirety.)	,	1 1	11	71 8		
QPSK, Data	L.					
Remote 3	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data	,	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 3	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
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, Data	ı					
Remote 3	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

E50. Modulation	and Services (If t	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its
entirety.)	`	1 1	11	, 1 <i>C</i>		
QPSK, Data	a					
Remote 3	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)  QPSK, Data	·	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its
Remote 3	14000 14500	T	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)	and Services (If t	he complete descripti	on does not appear in	n this box, please go t	to the end of the form	to view it in its
QPSK, Data	a					
Remote 3	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

E50. Modulation	and Services (If t	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its
entirety.)	`	1 1	11	, 1 <i>C</i>		
QPSK, Data	a					
Remote 3	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)  QPSK, Data	·	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its
Remote 3	14000 14500	T	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)	and Services (If t	he complete descripti	on does not appear in	n this box, please go t	to the end of the form	to view it in its
QPSK, Data	a					
Remote 3	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

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	
QPSK, Data		

### 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)
Remote 3	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-8.4
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-8.4
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-8.4
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-8.4

## REMOTE CONTROL POINT LOCATION

E61. Call Sign E980235	E66. Phone Number (337) 761–2000
NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.	

E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583
E61. Call Sign E980235 NOTE: Please enter the callsign of the controcallsign for which this application is being filed.		E66. Phone Number (337) 761–2000	:	
E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583

#### 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:	Remote 3	E5. Call Sign:	E980235		
E2: Contact Name	Peter C. Malcolm	E6. Phone Number:	(337) 761–3574		
E3. Street:	1710 W. Willow St.	E7. City:	Scott		
		E8. County:	Lafayette		
E4. State	LA	E9. Zip Code	70583		
E10. Area of Operat	ion:	CONUS, Gulf of Mexico			
E11. Latitude:	0 °0 '0.0 "				
E12. Longitude:	0 °0 '0.0 "				
E13. Lat/Lon Coord	linates are:	<b>○</b> NAD-27	<b>●</b> NAD-83	O 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.	<b>●</b> Yes	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 Yes	O No	<b>⊚</b> N/A

E17. Is the facility operated by remote control? If YES, provide the loca point.	ntion and telephone number of the control	Yes   No	
E18. Is frequency coordination required? If YES, attach a frequency coordination	ordination report as	O Yes O No	
E19. Is coordination with another country required? If YES, attach the recoordination 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 FAZ 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: OTHER If you selected OTHER, please enter the	following:		
E21. Common Name: NSS-7	E22. ITU Name: NSS-16		
E23. Orbit Location: 22W E24. Country: Netherlands			
Satellite Name: OTHER If you selected OTHER, please enter the	following:		
E21. Common Name: AMC-4	E22. ITU Name: AMC-4		
E23. Orbit Location: 101W	E24. Country: USA		
Satellite Name: OTHER If you selected OTHER, please enter the	following:		

	,			
E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: Netherlands			
Satellite Name: OTHER If you selected OTHER, please enter the for	ollowing:			
E21. Common Name: AMC-4	E22. ITU Name: AMC-4			
E23. Orbit Location: 101W	E24. Country: USA			
Satellite Name: OTHER If you selected OTHER, please enter the for	ollowing:			
E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: Netherlands			
Satellite Name: OTHER If you selected OTHER, please enter the for	ollowing:			
E21. Common Name: AMC-4	E22. ITU Name: AMC-4			
E23. Orbit Location: 101W	E24. Country: USA			
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:			
E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: Netherlands			
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:			
E21. Common Name: AMC-4	E22. ITU Name: AMC-4			
E23. Orbit Location: 101W	E24. Country: USA			
POINTS OF COMMUNICATION (Destination Points)				
E25. Site Identifier: Remote 3				

E26. Common Name:	E27. Country: USA
	•
E25. Site Identifier: Remote 3	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name:	E27. Country: USA
	•
E25. Site Identifier: Remote 3	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 3	
	F27 C 4 1/0 A
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 3	

E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 3	
E26. Common Name: NSS-7	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)
Remote 3	Remote 3	100	Channel Master	243	2.4	47.6 dBi at 11.950
						47.6 dBi at 11.950
						47.6 dBi at 11.950
						47.6 dBi at 11.950
						49.3 dBi at 14.250

			49.3 dBi at 14.250
			49.3 dBi at 14.250
			49.3 dBi at 14.250
			149.3 udi at 14.230

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	` '	E37. Building Height Above Ground Level (meters)		E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
Remote 3	0.0/0.0	0.0	0.0	0.0	2.0	0.0	52.3
Remote 3	0.0/0.0	0.0	0.0	0.0	2.0	0.0	52.3
Remote 3	0.0/0.0	0.0	0.0	0.0	2.0	0.0	52.3
Remote 3	0.0/0.0	0.0	0.0	0.0	2.0	0.0	52.3

# FREQUENCY

	E43/44. Frequency Bands (MHz)	E45. T/R Mode			EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
Remote 3	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0

E50 Modulation	and Sarvigae (If th	a complete description	on does not ennear in	this how places go to	the and of the form	to viou it in its	
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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0	
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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0	
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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0	

E50. Modulation	and Caminas (If the			41.:a 1. a. a. a. a. a. a. 4.		
	and services (ii ti	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 3	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical	0012072		
E50. Modulation	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
entirety.)						
QPSK, Data						
QI BIC, Data						
D 2	11700	ъ	TT 1 1	FOLLGED	0.0	0.0
Remote 3	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	and Services (If th	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)	(11 11	o complete desemption	on does not uppour m	tins con, product go to		10 110 11 110
QPSK, Data						
Remote 3	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical			
				l		1

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, Data								
Remote 3	11700 12200	R	Horizontal and Vertical	50KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data								
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0		

E50. Modulation	and Services (If th	e complete description	on does not annear in	this hox please on to	o the end of the form	to view it in its		
entirety.)	und Services (II un	ie complete description	on does not appear in	tins box, pieuse go to	o the cha of the form	to view it in its		
QPSK, Data								
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data								
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0		

E50. Modulation	and Services (If th	e complete description	on does not annear in	this hox please on to	o the end of the form	to view it in its		
entirety.)	und Services (II un	ie complete description	on does not appear in	tins box, pieuse go to	o the cha of the form	to view it in its		
QPSK, Data								
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data								
Remote 3	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0		

E50. Modulation	and Sarvigae (If th	a complete description	on does not ennear in	this boy places so to	o the end of the form	to view it in its	
entirety.)	and services (if the	ie complete description	on does not appear in	uns box, please go u	o the end of the form	to view it iii its	
QPSK, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0	
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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0	

E50. Modulation	and Campiage (If the	a aammlata dagamintid	n door not annousin	this how places on to	the and of the form	to view it in its	
	and Services (II th	ie complete descriptio	on does not appear in	tills box, please go to	the end of the form	to view it in its	
entirety.)							
QPSK, Data							
Remote 3	11700	R	Horizontal and	200KG7D	0.0	0.0	
Kemote 3	12200	K	Vertical	200KG/D	0.0	0.0	
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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 3	11700 12200	R	Horizontal and Vertical	400KG7D	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, data								
Remote 3	11700 12200	R	Horizontal and Vertical	400KG7D	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, data							
Remote 3	11700 12200	R	Horizontal and Vertical	400KG7D	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, data								
Remote 3	11700 12200	R	Horizontal and Vertical	400KG7D	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, data								
Remote 3	11700 12200	R	Horizontal and Vertical	400KG7D	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, data							
Remote 3	11700 12200	R	Horizontal and Vertical	400KG7D	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, data								
Remote 3	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0		

E50. Modulation	and Campiage (If the	a aammlata dagamintid	n door not annous in	this how places as to	the and of the form	to view it in its	
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its	
entirety.)							
QPSK, data							
Remote 3	11700	R	Horizontal and	400KG7D	0.0	0.0	
Kemote 5	12200	K	Vertical Vertical	400KG/D	0.0	0.0	
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, data							
	T	_		T	f		
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
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, Data							
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	

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.)	and services (ii th	ic complete description	on does not appear in	tilis box, piease go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
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, Data	QPSK, Data						
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
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, Data							
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	

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.)	and services (ii th	ic complete description	on does not appear in	tilis box, piease go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
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, Data	QPSK, Data						
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
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, Data							
Remote 3	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	

E50. Modulation	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
entirety.)	,	1 1	11	, I &		
QPSK, Data	ı					
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data						
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data	1					
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2

F50 Modulation	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.)	and services (if the	ic complete description	on does not appear in	tills box, picase go to	o the end of the form	to view it in its
QPSK, Data						
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)  QPSK, Data		ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
QPSK, Data						
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2

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.)	( )	r r r .		,1 8.			
QPSK, Data	A						
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	
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, Data						
Remote 3	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	
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, Data	a .						
Remote 3	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	

E50. Modulation	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	
entirety.)	(	r	T. T	, r			
QPSK, Data	a						
Remote 3	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	
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, Data						
Remote 3	14000 14500	T	Horizontal and Vertical	200KG7D	42.8	26.2	
E50. Modulation entirety.)	n and Services (If t	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its	
QPSK, Data	a						
Remote 3	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	

E50. Modulation	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	
entirety.)	(	r	T. T	, r			
QPSK, Data	a						
Remote 3	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	
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, Data						
Remote 3	14000 14500	T	Horizontal and Vertical	200KG7D	42.8	26.2	
E50. Modulation entirety.)	n and Services (If t	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its	
QPSK, Data	a						
Remote 3	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	

E50. Modulation	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.)	,	1 1	11	71 8			
QPSK, Data	L.						
Remote 3	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	
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, Data						
Remote 3	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2	
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, Data	ı						
Remote 3	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2	

E50. Modulation	and Services (If t	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its	
entirety.)	`	1 1	11	, 1 <i>C</i>			
QPSK, Data	a						
Remote 3	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2	
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, Data						
Remote 3	14000 14500	T	Horizontal and Vertical	400KG7D	45.8	26.2	
E50. Modulation entirety.)	and Services (If t	he complete descripti	on does not appear in	n this box, please go t	to the end of the form	to view it in its	
QPSK, Data	a						
Remote 3	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2	

E50. Modulation	and Services (If t	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its	
entirety.)	`	1 1	11	, 1 <i>C</i>			
QPSK, Data	a						
Remote 3	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2	
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, Data						
Remote 3	14000 14500	T	Horizontal and Vertical	400KG7D	45.8	26.2	
E50. Modulation entirety.)	and Services (If t	he complete descripti	on does not appear in	n this box, please go t	to the end of the form	to view it in its	
QPSK, Data	a						
Remote 3	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2	

		(If the complete description does not appear in this box, please go to the end of the form to view it in its	
entir	ety.)		
	QPSK, Data		

## 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)
Remote 3	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-8.4
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-8.4
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-8.4
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-8.4

## REMOTE CONTROL POINT LOCATION

E61. Call Sign	E66. Phone Number
E980235	(337) 761–2000
NOTE: Please enter the callsign of the controlling station, not the	
callsign for which this application is being filed.	

E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583
E61. Call Sign E980235 NOTE: Please enter the callsign of the controcallsign for which this application is being filed.	_	E66. Phone Number (337) 761–2000		
E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583

#### 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:	Remote 4	E5. Call Sign:	E980235		
E2: Contact Name	Peter C. Malcolm	E6. Phone Number:	(337) 761–3574		
E3. Street:	1710 W. Willow St.	E7. City:	Scott		
		E8. County:	Lafayette		
E4. State	LA	E9. Zip Code	70583		
E10. Area of Operat	ion:	CONUS, Gulf of Mo	exico		
E11. Latitude:	0 °0 '0.0 "				
E12. Longitude:	0 °0 '0.0 "				
E13. Lat/Lon Coord	linates are:	<b>○</b> NAD-27	<b>●</b> NAD-83	O <sup>N/A</sup>	
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.	<b>●</b> Yes	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 Yes	O No	● N/A

E17. Is the facility operated by remote control? If YES, provide the loca point.	ntion and telephone number of the control	• Yes	. No
E18. Is frequency coordination required? If YES, attach a frequency coordination	ordination report as	O Yes 🔞	. No
E19. Is coordination with another country required? If YES, attach the a 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 FAZ 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: OTHER If you selected OTHER, please enter the	following:		
E21. Common Name: NSS-7	E22. ITU Name: NSS-16		
E23. Orbit Location: 22W	E24. Country: USA		
Satellite Name: OTHER If you selected OTHER, please enter the	following:		
E21. Common Name: AMC-4	E22. ITU Name: AMC-4		
E23. Orbit Location: 101W	E24. Country: USA		
Satellite Name: OTHER If you selected OTHER, please enter the	following:		

E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: USA			
Satellite Name: OTHER If you selected OTHER, please enter the f	ollowing:			
E21. Common Name: AMC-4	E22. ITU Name: AMC-4			
E23. Orbit Location: 101W	E24. Country: USA			
Satellite Name: OTHER If you selected OTHER, please enter the f	following:			
E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: USA			
Satellite Name: OTHER If you selected OTHER, please enter the f	following:			
E21. Common Name: AMC-4	E22. ITU Name: AMC-4			
E23. Orbit Location: 101W	E24. Country: USA			
Satellite Name: OTHER If you selected OTHER, please enter the f	ollowing:			
E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: USA			
Satellite Name: OTHER If you selected OTHER, please enter the f	ollowing:			
E21. Common Name: AMC-4	E22. ITU Name: AMC-4			
E23. Orbit Location: 101W	E24. Country: USA			
POINTS OF COMMUNICATION (Destination Points)				
E25. Site Identifier: Remote 4				

E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name:	E27. Country: USA
·	
E25. Site Identifier: Remote 4	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name: AMC–4	E27. Country: USA
E20. Common Name. AiviC-4	E27. Country. USA
E25. Site Identifier: Remote 4	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name: AMC–4	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name: AMC–4	E27. Country: USA
E25. Site Identifier: Remote 4	

E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name: NSS-7	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)
Remote 4	Remote 4	25	Orbit	AL-7104	1.2	41.7 dBi at 11.950
						41.7 dBi at 11.950
						41.7 dBi at 11.950
						41.7 dBi at 11.950
						43.2 dBi at 14.250

			43.2 dBi at 14.250
			43.2 dBi at 14.250
			45.2 dB1 at 14.250
			43.2 dBi at 14.250
			10.2 021 01 11.200

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	` ′	E37. Building Height Above Ground Level (meters)		E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
Remote 4	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2
Remote 4	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2
Remote 4	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2
Remote 4	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2

# FREQUENCY

	E43/44. Frequency Bands (MHz)				E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
Remote 4	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0

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, Data						
Remote 4	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0
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, Data						
Remote 4	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0
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, Data	ı					
Remote 4	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0

E50. Modulation	and Campiage (If the	a aammlata dagamintid	n door not annousin	this how places as to	the and of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 4	11700	R	Horizontal and	50KG7D	0.0	0.0
Tromote 1	12200		Vertical	5011372	0.0	
E50. Modulation	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
entirety.)						
QPSK, Data						
QPSK, Data						
Remote 4	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical			
F50 N6 11 1	10 : 701			.1.1 1	1 1 6 1 6	
E50. Modulation	and Services (If the	ie complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
QI SIL, Baca						
Remote 4	11700	R	Horizontal and	50KG7D	0.0	0.0
Kelliule 4	12200	IN .	Vertical		0.0	<b>0.0</b>
	12200		vertical			

E50. Modulation	and Services (If th	e complete description	on does not appear in	this hox please on to	o the end of the form	to view it in its	
entirety.)	and services (if the	ie complete description	on does not appear in	tins box, pieuse go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	50KG7D	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, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0	
E50. Modulation entirety.)  QPSK, Data	`	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
Remote 4	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0	

E50. Modulation	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	
entirety.)	a una services (ir ti	ie complete description	on does not appear in	tins oon, prease go to	o the cha of the form	to view it in its	
QPSK, Data	1						
Remote 4	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data	1						
Remote 4	11700 12200	R	Horizontal and Vertical	100KG7D	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.)	and services (if the	e complete description	on does not appear in	tins oon, prease go to	o the cha of the form	to view it in its	
QPSK, Data	<u>.</u>						
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data	ı						
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	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.)	and services (if the	e complete description	on does not appear in	tins oon, prease go to	o the cha of the form	to view it in its	
QPSK, Data	<u>.</u>						
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data	ı						
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0	

E50. Modulation	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	
entirety.)	und Services (II th	te complete description	on does not appear in	tins oon, prease go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0	
E50. Modulation entirety.)  QPSK, Data	`	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
Remote 4	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0	
	12200		TOTTICUI				

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.)			on does not appear in	time com, product go to	o <b>uno emo</b> or <b>uno</b> romm	VO	
QPSK, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	400KG7D	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, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0	
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	
QPSK, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0	

E50. Modulation	and Campiage (If th	a complete deceription	on does not ennear in	this how places so to	o the end of the form	to view it in its
	and services (II th	ie complete descriptio	on does not appear in	uns box, please go to	o the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 4	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical	.0012072		
E50. Modulation	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
gron, baca	•					
D	11700	D	TT 1 . 1	400M GZD	0.0	0.0
Remote 4	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	and Services (If th	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)	(11 11	o complete description	on does not appear in	tins con, product go to	, <b>, , , , , , , , , , , , , , , , , , </b>	10 110 11 110
QPSK, Data						
Remote 4	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical			
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E50. Modulation	and Sarvices (If the	na complete description	on does not annear in	this boy please go to	the end of the form	to view it in its		
entirety.)	and services (ii th	ic complete description	on does not appear in	tills box, picase go to	o the cha of the form	to view it in its		
QPSK, Data								
Remote 4	11700 12200	R	Horizontal and Vertical	400KG7D	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, Data								
Remote 4	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2		
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its		
QPSK, Data								
Remote 4	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2		

E50. Modulation	n and Services (If t	he complete descripti	on does not appear ir	n this box, please go t	to the end of the form	to view it in its	
entirety.)	·	•	••				
QPSK, Data	a						
Remote 4	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
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, Data							
Remote 4	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
E50. Modulation entirety.)	n and Services (If t	he complete descripti	on does not appear ir	this box, please go	to the end of the form	to view it in its	
QPSK, Data	ā						
Remote 4	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	

E50. Modulation	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
entirety.)	`	1	11	, I &		
QPSK, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2
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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2
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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2

E50. Modulation	and Services (If the	ne complete description	on does not appear in	this how please go to	o the end of the form	to view it in its
entirety.)	and services (ii ti	ie complete description	on does not appear in	tills box, picase go to	o the cha of the form	to view it in its
QPSK, Data	1					
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)  QPSK, Data		ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
grok, baca						
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
QPSK, Data	[					
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2

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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
QPSK, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)  QPSK, Data	,	ne complete description	on does not appear in	this box, please go t	o the end of the form	to view it in its
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2

E50. Modulation	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
entirety.)	,	1 1	11	71 <i>C</i>		
QPSK, Data	ı					
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)  QPSK, Data	,	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

E50. Modulation	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	
entirety.)	(== ==						
QPSK, Data							
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	
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, Data							
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	
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, Data							
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	

E50. Modulation entirety.)	and Services (If the	ne complete descripti	on does not appear in	n this box, please go	to the end of the form	n to view it in its
QPSK, Data	ı					
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)	and Services (If the	ne complete descripti	on does not appear in	n this box, please go	to the end of the form	n to view it in its
QPSK, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)	and Services (If the	ne complete descripti	on does not appear in	n this box, please go	to the end of the form	n to view it in its
QPSK, Data	1					
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

E50. Modulation	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.)	`		11	71 6		
QPSK, Data	A					
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data	`	he complete descripti	on does not appear ir	this box, please go t	o the end of the form	to view it in its
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)	and Services (If t	he complete descripti	on does not appear ir	this box, please go t	o the end of the form	to view it in its
QPSK, Data	1					
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

E50. Modulation entirety.)	and Services (If the	ne complete descripti	on does not appear is	n this box, please go	to the end of the form	n to view it in its
QPSK, Data	1					
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)	and Services (If the	ne complete descripti	on does not appear is	n this box, please go	to the end of the form	n to view it in its
QPSK, Data	1					
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)  QPSK, Data	·	ne complete descripti	on does not appear in	n this box, please go	to the end of the form	n to view it in its
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

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.)	and Services (II th	e complete description	in does not appear in	uns box, please go u	o the end of the form	to view it iii its
QPSK, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

E 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	
	QPSK, Data		

# 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)
Remote 4	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8

## REMOTE CONTROL POINT LOCATION

E61. Call Sign E980235	E66. Phone Number (337) 761–2000
NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.	

E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583
E61. Call Sign E980235 NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.		E66. Phone Number (337) 761–2000		
E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583

### 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:	Remote 4	E5. Call Sign:	E980235			
E2: Contact Name	Peter C. Malcolm	E6. Phone Number:	(337) 761–3574			
E3. Street:	1710 W. Willow St.	E7. City:	Scott			
		E8. County:	Lafayette			
E4. State	LA	E9. Zip Code	70583			
E10. Area of Operat	cion:	CONUS, Gulf of Mexico				
E11. Latitude:	0 °0 '0.0 "					
E12. Longitude:	0 °0 '0.0 "					
E13. Lat/Lon Coord	linates are:	O NAD-27	<b>●</b> NAD-83	O 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.	Yes	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 Yes	O No	<b>⊗</b> N/A

E17. Is the facility operated by remote control? If YES, provide the loca point.	ntion and telephone number of the control	• Yes	. No
E18. Is frequency coordination required? If YES, attach a frequency coordination	ordination report as	O Yes 🔞	. No
E19. Is coordination with another country required? If YES, attach the a 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 FAZ 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: OTHER If you selected OTHER, please enter the	following:		
E21. Common Name: NSS-7	E22. ITU Name: NSS-16		
E23. Orbit Location: 22W	E24. Country: USA		
Satellite Name: OTHER If you selected OTHER, please enter the	following:		
E21. Common Name: AMC-4	E22. ITU Name: AMC-4		
E23. Orbit Location: 101W E24. Country: USA			
Satellite Name: OTHER If you selected OTHER, please enter the	following:		

E21. Common Name: NSS-7	E22. ITU Name: NSS-16
E23. Orbit Location: 22W	E24. Country: USA
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:
E21. Common Name: AMC-4	E22. ITU Name: AMC-4
E23. Orbit Location: 101W	E24. Country: USA
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:
E21. Common Name: NSS-7	E22. ITU Name: NSS-16
E23. Orbit Location: 22W	E24. Country: USA
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:
E21. Common Name: AMC-4	E22. ITU Name: AMC-4
E23. Orbit Location: 101W	E24. Country: USA
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:
E21. Common Name: NSS-7	E22. ITU Name: NSS-16
E23. Orbit Location: 22W	E24. Country: USA
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:
E21. Common Name: AMC-4	E22. ITU Name: AMC-4
E23. Orbit Location: 101W	E24. Country: USA
POINTS OF COMMUNICATION (Destination Points)	
E25. Site Identifier: Remote 4	

E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name:	E27. Country: USA
·	
E25. Site Identifier: Remote 4	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name: AMC–4	E27. Country: USA
E20. Common Name. AiviC-4	E27. Country. USA
E25. Site Identifier: Remote 4	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name: AMC–4	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name: AMC–4	E27. Country: USA
E25. Site Identifier: Remote 4	

E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 4	
E26. Common Name: NSS-7	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)
Remote 4	Remote 4	25	Orbit	AL-7104	1.2	41.7 dBi at 11.950
						41.7 dBi at 11.950
						41.7 dBi at 11.950
						41.7 dBi at 11.950
						43.2 dBi at 14.250

			43.2 dBi at 14.250
			43.2 dBi at 14.250
			43.2 dBi at 14.250
			43.2 dD1 at 14.230

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	` ′	E37. Building Height Above Ground Level (meters)		E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
Remote 4	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2
Remote 4	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2
Remote 4	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2
Remote 4	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2

# FREQUENCY

	E43/44. Frequency Bands (MHz)	E45. T/R Mode			EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
Remote 4	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0

E50. Modulation	and Campiage (If the	a acmuniata dagamintis	n door not annousin	this how places as to	the and of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 4	11700	R	Horizontal and	50KG7D	0.0	0.0
Tromote 1	12200		Vertical	5011372	0.0	
E50. Modulation	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
entirety.)						
QPSK, Data						
QPSK, Data						
Remote 4	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical			
F50 N6 11 1	10 : 701			.1.1 1	1 1 6 1 6	
E50. Modulation	and Services (If the	ie complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
QI SIL, Baca						
Remote 4	11700	R	Horizontal and	50KG7D	0.0	0.0
Kelliule 4	12200	IN .	Vertical		0.0	<b>0.0</b>
	12200		vertical			

E50. Modulation	and Campiage (If the	a acmuniata dagamintis	n door not annousin	this how places as to	the and of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 4	11700	R	Horizontal and	50KG7D	0.0	0.0
Tromote 1	12200		Vertical	5011372	0.0	
E50. Modulation	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
entirety.)						
QPSK, Data						
QPSK, Data						
Remote 4	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical			
F50 N6 11 1	10 : 701			.1.1 1	1 1 6 1 6	
E50. Modulation	and Services (If the	ie complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
QI SIL, Baca						
Remote 4	11700	R	Horizontal and	50KG7D	0.0	0.0
Kelliule 4	12200	IN .	Vertical		0.0	<b>0.0</b>
	12200		vertical			

E50. Modulation	and Campiage (If the	a acmuniata dagamintis	n door not annousin	this how places on to	o the end of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	tills box, please go to	o the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 4	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical	0011072		
E50. Modulation	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
gron, baca						
D	11700	ъ	TT 1 1	1001/07D	0.0	0.0
Remote 4	11700	R	Horizontal and	100KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	and Services (If th	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)	(11 11	o complete desemption	on does not uppour m	tins con, produce go to	, <b>, , , , , , , , , , , , , , , , , , </b>	10 (10 () 10 111 100
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QPSK, Data						
Remote 4	11700	R	Horizontal and	100KG7D	0.0	0.0
	12200		Vertical			
						l

E50. Modulation	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	
entirety.)	a una services (ir ti	ie complete description	on does not appear in	tins oon, prease go to	o the cha of the form	to view it in its	
QPSK, Data	1						
Remote 4	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data						
Remote 4	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data	1						
Remote 4	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data						
Remote 4	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0	

E50. Modulation	and Campiage (If the	a commista decemintis	n door not annousin	this how places as to	the end of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	o the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0
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, Data						
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0
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, Data						
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data	ı						
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0	
E50. Modulation entirety.)  QPSK, Data		ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0	

E50. Modulation	and Campiage (If the	a commista decemintis	n door not annousin	this how places as to	the end of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	o the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0
750 75 11 1				1		
E50. Modulation	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
entirety.)						
QPSK, Data						
Remote 4	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0
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, Data						
Remote 4	11700 12200	R	Horizontal and Vertical	400KG7D	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.)			on does not appear in	time com, product go to	o <b>uno emo</b> or <b>uno</b> romm	VO
QPSK, Data						
Remote 4	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0
E50. Modulation entirety.)  QPSK, Data	·	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 4	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0
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
QPSK, Data						
Remote 4	11700 12200	R	Horizontal and Vertical	400KG7D	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, Data	ı					
Remote 4	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0
E50. Modulation entirety.)  QPSK, Data	·	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 4	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0
E50. Modulation entirety.)  QPSK, Data					o the end of the form	
Remote 4	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0

E50. Modulation	and Carriage (If th	a aamplata dasarintis	on does not ennear in	this how places so to	o the end of the form	to viou it in its
entirety.)	and Services (II th	e complete descriptio	on does not appear in	uns box, please go u	o the end of the form	to view it iii its
QPSK, Data						
Remote 4	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
Remote 4	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 4	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2

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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2
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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2
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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2

E50 Modulation	and Carriage (If th	a complete description	on does not ennear in	this how places so to	the and of the form	to view it in its
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, Data						
Remote 4	14000	Т	Horizontal and	50KG7D	36.8	26.2
	14500	_	Vertical			
E50. Modulation	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
entirety.)						
QPSK, Data						
gron, baca						
D	1.4000	T.	TT 1 1	FOLLGED	26.0	26.2
Remote 4	14000	Т	Horizontal and	50KG7D	36.8	26.2
	14500		Vertical			
E50. Modulation	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
entirety.)	(11 41	o complete desemption	on does not uppour m	tins con, product go to	, <b>, , , , , , , , , , , , , , , , , , </b>	10 (10 () 10 111 100
QPSK, Data						
Remote 4	14000	Т	Horizontal and	50KG7D	36.8	26.2
	14500		Vertical			
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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, Data	ı					
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)  QPSK, Data		ne complete description	on does not appear in	this box, please go t	o the end of the form	to view it in its
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)  QPSK, Data					o the end of the form	
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2

E50. Modulation	and Carriage (If th	a aamplata dasarintis	on does not ennear in	this how places as to	the end of the form	to view it in its
entirety.)	and Services (II th	e complete descriptio	on does not appear in	uns box, please go u	o the end of the form	to view it iii its
QPSK, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2

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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

E50. Modulation	and Sarvious (If th	a complete descriptio	on does not ennear in	this boy places as to	o the end of the form	to viou it in its
entirety.)	and Services (II th	e complete descriptio	in does not appear in	uns box, please go u	o the end of the form	to view it iii its
QPSK, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

E50. Modulation entirety.)	and Services (If the	he complete descripti	on does not appear i	n this box, please go	to the end of the	form to view it in its
QPSK, Data	1					
Remote 4	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)	and Services (If the	he complete descripti	on does not appear i	n this box, please go	to the end of the	form to view it in its
QPSK, Data	ı					
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)	and Services (If the	he complete descripti	on does not appear i	n this box, please go	to the end of the	form to view it in its
QPSK, Data	1					
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

E50. Modulation	n and Services (If	the complete descri	iption does not appear	in this box, please	go to the end of the	he form to view it in its	
entirety.)	`	1	1	7.1			
QPSK, Data	a						
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2	
E50. Modulation entirety.)  QPSK, Data		the complete descri	iption does not appear	in this box, please	go to the end of the	he form to view it in its	
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2	
E50. Modulation entirety.)	n and Services (If	the complete descri	iption does not appear	in this box, please	go to the end of the	he form to view it in its	
QPSK, Data	a						
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2	

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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
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, Data						
Remote 4	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

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	
QPSK, Data		

# 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)
Remote 4	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8

# REMOTE CONTROL POINT LOCATION

E61. Call Sign E980235	E66. Phone Number (337) 761–2000
NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.	

E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583
E61. Call Sign E980235 NOTE: Please enter the callsign of the contro		E66. Phone Number (337) 761–2000	[	
E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583

# 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:	Remote 5	E5. Call Sign:	E980235			
E2: Contact Name	Peter C. Malcolm	E6. Phone Number:	(337) 761–3574			
E3. Street:	1710 W. Willow St.	E7. City:	Scott			
		E8. County:	Lafayette			
E4. State	LA	E9. Zip Code	70583			
E10. Area of Operat	cion:	CONUS, Gulf of Mexico				
E11. Latitude:	0 °0 '0.0 "					
E12. Longitude:	0 °0 '0.0 "					
E13. Lat/Lon Coord	linates are:	<b>○</b> NAD-27	<b>◎</b> NAD-83	O 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.	<b>●</b> Yes	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 Yes	O No	<b>⊗</b> N/A

E17. Is the facility operated by remote control? If YES, provide the loca point.	ntion and telephone number of the control	Yes   No
E18. Is frequency coordination required? If YES, attach a frequency coordination	ordination report as	O Yes O No
E19. Is coordination with another country required? If YES, attach the recoordination contours as	name of the country(ies) and plot of	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 FAZ 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: OTHER If you selected OTHER, please enter the	following:	
E21. Common Name: NSS-7	E22. ITU Name: NSS-16	
E23. Orbit Location: 22W	E24. Country: Netherlands	
Satellite Name: OTHER If you selected OTHER, please enter the	following:	
E21. Common Name: AMC-4		
E23. Orbit Location: 101W	E24. Country: USA	
Satellite Name: OTHER If you selected OTHER, please enter the	following:	

E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: Netherlands			
Satellite Name: OTHER If you selected OTHER, please enter the f	ollowing:			
E21. Common Name: AMC-4	E22. ITU Name: AMC-4			
E23. Orbit Location: 101W	E24. Country: USA			
Satellite Name: OTHER If you selected OTHER, please enter the f	ollowing:			
E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: Netherlands			
Satellite Name: OTHER If you selected OTHER, please enter the f	ollowing:			
E21. Common Name: AMC-4	E22. ITU Name: AMC-4			
E23. Orbit Location: 101W	E24. Country: USA			
Satellite Name: OTHER If you selected OTHER, please enter the f	ollowing:			
E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: Netherlands			
Satellite Name: OTHER If you selected OTHER, please enter the f	ollowing:			
E21. Common Name: AMC-4	E22. ITU Name: AMC-4			
E23. Orbit Location: 101W	E24. Country: USA			
POINTS OF COMMUNICATION (Destination Points)	·			
E25. Site Identifier: Remote 5				

E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 5	
	727 0 7701
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 5	
E23. Site identifier. Kelliote 3	

E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name: NSS-7	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)
Remote 5	Remote 5	25	Prodelin	1123	1.2	41.7 dBi at 11.950
						41.7 dBi at 11.950
						41.7 dBi at 11.950
						41.7 dBi at 11.950
						43.2 dBi at 14.250

			43.2 dBi at 14.250
			43.2 dBi at 14.250
			45.2 dB1 at 14.250
			43.2 dBi at 14.250
			10.2 021 01 11.200

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	` '	E37. Building Height Above Ground Level (meters)		E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
Remote 5	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.2
Remote 5	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.2
Remote 5	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.2
Remote 5	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.2

## FREQUENCY

	E43/44. Frequency Bands (MHz)				E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
Remote 5	11700 12200	R	Horizontal and Vertical	50KG7D	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.)	and services (if the	e complete description	on does not appear in	tins oon, prease go t	o the cha of the form	to view it in its			
QPSK, Data	t.								
Remote 5	11700 12200	R	Horizontal and Vertical	50KG7D	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, Data								
Remote 5	11700 12200	R	Horizontal and Vertical	50KG7D	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, Data	•								
Remote 5	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0			

E50. Modulation	and Sarvigae (If th	a complete description	on does not ennear in	this boy places so to	the end of the form	to view it in its
entirety.)	and services (if the	ie complete description	on does not appear in	uns box, please go u	o the end of the form	to view it iii its
QPSK, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0
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, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0
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, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0

E50. Modulation	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			
entirety.)	and services (if the	to complete description	on does not appear in	tins oon, prease go t	o the cha of the form	to view it in its			
QPSK, Data	a .								
Remote 5	11700 12200	R	Horizontal and Vertical	50KG7D	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, Data								
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data	a e e e e e e e e e e e e e e e e e e e								
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0			

E50. Modulation	and Sarvigae (If th	a complete description	on does not ennear in	this boy places so to	the end of the form	to view it in its
entirety.)	and services (if the	ie complete description	on does not appear in	uns box, please go u	o the end of the form	to view it iii its
QPSK, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0
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, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0
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, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	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.)	(11 12		on does not uppen in	time com, proues go to	o <b>uno emo</b> or <b>uno</b> roma	VO		
QPSK, Data	l							
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data	1							
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0		

E50. Modulation	and Caminas (If the			41.:a 1. a.u 1. a.a.a - a.a. 4.		
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0
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, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0
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, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 5	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 5	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 5	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0	

E50. Modulation	and Caminas (If the			41.i.a 1.a.u. m1.a.a.a a.a.4.		
	and Services (II th	ie complete descriptio	on does not appear in	tills box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 5	11700	R	Horizontal and	200KG7D	0.0	0.0
	12200		Vertical	20011072		
E50. Modulation	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
gron, baca	•					
D	11700	ъ	TT 1 1	2001/07D	0.0	0.0
Remote 5	11700	R	Horizontal and	200KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	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
entirety.)	(11 11	o complete desemption	on does not uppour m	tins con, produce go to	, <b>, , , , , , , , , , , , , , , , , , </b>	10 110 11 110
QPSK, Data						
Remote 5	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical			
	<u> </u>					1

E50. Modulation	and Campiage (If the	a acmuniata dagamintis	n door not annousin	this how places on to	the and of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	tills box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 5	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical	.0012072		
E50. Modulation	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
gron, baca						
D	11700	ъ	TT 1 1	100V.CZD	0.0	0.0
Remote 5	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	and Services (If th	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)	(11 41	o complete desemption	on does not uppour m	tins con, produce go to	, <b>, , , , , , , , , , , , , , , , , , </b>	10 110 11 110
QPSK, Data						
Remote 5	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical			
						I

E50. Modulation	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	
entirety.)			on does not appear in	time com, product go to	o <b>uno cino</b> or <b>uno</b> roma	VO	
QPSK, Data							
Remote 5	11700 12200	R	Horizontal and Vertical	400KG7D	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, Data							
Remote 5	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0	
E50. Modulation entirety.)  QPSK, Data	`	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
Remote 5	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0	
	12200		vertical				

E50. Modulation	and Campiage (If the	a aammlata dagamintid	n door not annousin	this how places as to	the and of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 5	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical	.0012072		
E50. Modulation	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
entirety.)						
QPSK, Data						
gron, baca						
D	1.4000	T.	TT 1 1	FOLLGED	26.0	26.2
Remote 5	14000	Т	Horizontal and	50KG7D	36.8	26.2
	14500		Vertical			
E50. Modulation	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
entirety.)	(11 41.	o complete desemption	on does not uppour m	tins con, product go to	, <b>, , , , , , , , , , , , , , , , , , </b>	10 (10 () 10 111 100
						<del></del> -
QPSK, Data						
Remote 5	14000	Т	Horizontal and	50KG7D	36.8	26.2
	14500		Vertical			
				l		l

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.)	and services (ii th	ic complete description	on does not appear in	tills box, picase go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 5	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
E50. Modulation entirety.)  QPSK, Data		ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
Remote 5	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its	
QPSK, Data							
Remote 5	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	

E50. Modulation	and Carriage (If th	a aamnlata dasarintis	on does not ennear in	this how places as to	o the end of the form	to view it in its	
entirety.)	and Services (II th	e complete descriptio	in does not appear in	uns box, please go u	o the end of the form	to view it iii its	
QPSK, Data							
Remote 5	14000 14500	T	Horizontal and Vertical	50KG7D	36.8	26.2	
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, Data							
Remote 5	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
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, Data							
Remote 5	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	

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.)	and services (if the	ic complete description	on does not appear in	tills box, picase go to	o the end of the form	to view it in its	
QPSK, Data							
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its	
QPSK, Data							
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	
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, Data							
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	

E50. Modulation	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
entirety.)	(11 11		on does not appear in	go t	5 <b>4.10</b> 5.1 <b>0</b> 5.1 <b>4.10</b> 15.1.1.	10 110 111 110
QPSK, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2

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, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
QPSK, Data	:					
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

E50. Modulation	and Carriage (If th	a aamnlata dasarintis	on does not ennear in	this how places so to	o the end of the form	to view it in its
entirety.)	and Services (II th	e complete descriptio	on does not appear in	uns box, please go u	o the end of the form	to view it iii its
QPSK, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
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, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
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, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

E50. Modulation	and Carriage (If th	a aamnlata dasarintis	on does not ennear in	this how places so to	the and of the form	to view it in its
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, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
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, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

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, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
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, data						
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

E50. Modulation	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
entirety.)	,	1 1	11	71 <i>C</i>		
QPSK, data	Į.					
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)  QPSK, data	,	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
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, data						
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

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, data						
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
QPSK, data						
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
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, data						
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

		(If the complete description does not appear in this box, please go to the end of the form to view it in its	
entir	ety.)		-
	QPSK, data		

## 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)
Remote 5	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8

## REMOTE CONTROL POINT LOCATION

E61. Call Sign E980235	E66. Phone Number (337) 761–2000
NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.	

E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583
E61. Call Sign E980235 NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.		E66. Phone Number (337) 761–2000	<del>.</del>	
E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583

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

Location of Earth St	Location of Earth Station Site					
E1: Site Identifier:	Remote 5	E5. Call Sign:	E980235			
E2: Contact Name	Peter C. Malcolm	E6. Phone Number:	(337) 761–3574			
E3. Street:	1710 W. Willow St.	E7. City:	Scott			
		E8. County:	Lafayette			
E4. State	LA	E9. Zip Code	70583			
E10. Area of Operat	tion:	CONUS, Gulf of M	exico			
E11. Latitude:	0 °0 '0.0 "					
E12. Longitude:	0 °0 '0.0 "					
E13. Lat/Lon Coordinates are:		O NAD-27	● NAD-83	O 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.	<b>●</b> Yes	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 Yes	O No	● N/A

E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.			O No	
E18. Is frequency coordination required? If YES, attach a frequ	ency coordination report as	O Yes	No	
E19. Is coordination with another country required? If YES, attacoordination contours as	ach the name of the country(ies) and plot of	O Yes	No	
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR phave you attached a copy of a completed FCC Form 854 and/or the structure to aviation?  FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 APPLICATION.	O Yes	No		
POINTS OF COMMUNICATION		<u> </u>		
Satellite Name: OTHER If you selected OTHER, please e	nter the following:			
E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E23. Orbit Location: 22W E24. Country: Netherlands			
Satellite Name: OTHER If you selected OTHER, please e	nter the following:			
E21. Common Name: AMC-4 E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA			
Satellite Name: OTHER If you selected OTHER, please e	nter the following:			

E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: Netherlands			
	· · · · · · · · · · · · · · · · · · ·			
Satellite Name: OTHER If you selected OTHER, please enter the for	ollowing:			
E21. Common Name: AMC-4	E22. ITU Name: AMC-4			
E23. Orbit Location: 101W	E24. Country: USA			
Satellite Name: OTHER If you selected OTHER, please enter the fe	ollowing:			
E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: Netherlands			
Satellite Name: OTHER If you selected OTHER, please enter the fe	ollowing:			
E21. Common Name: AMC-4	E22. ITU Name: AMC-4			
E23. Orbit Location: 101W	E24. Country: USA			
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:			
E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: Netherlands			
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:			
E21. Common Name: AMC-4	E22. ITU Name: AMC-4			
E23. Orbit Location: 101W	E24. Country: USA			
POINTS OF COMMUNICATION (Destination Points)				
E25. Site Identifier: Remote 5				

E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name:	E27. Country: USA
·	
E25. Site Identifier: Remote 5	
E26. Common Name:	E27. Country: USA
For an Alexander	
E25. Site Identifier: Remote 5	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name: AMC–4	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name: AMC–4	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 5	

E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 5	
E26. Common Name: NSS-7	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)
Remote 5	Remote 5	25	Prodelin	1123	1.2	41.7 dBi at 11.950
						41.7 dBi at 11.950
						41.7 dBi at 11.950
						41.7 dBi at 11.950
						43.2 dBi at 14.250

			43.2 dBi at 14.250
			43.2 dBi at 14.250
			43.2 dBi at 14.250
			43.2 dD1 at 14.230

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	` '	Height Above		E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
Remote 5	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.2
Remote 5	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.2
Remote 5	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.2
Remote 5	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.2

# FREQUENCY

	E43/44. Frequency Bands (MHz)	E45. T/R Mode			EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
Remote 5	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0

E50. Modulation	and Caminas (If the			41.:a 1. a.u 1. a.a.a - a.a. 4.		
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Damata 5	11700	R	Horizontal and	50KG7D	0.0	0.0
Remote 5	12200	K	Vertical	DUKG/D	0.0	0.0
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, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0
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, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0

E50. Modulation	and Caminas (If the			41.:a 1. a.u 1. a.a.a - a.a. 4.		
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Damata 5	11700	R	Horizontal and	50KG7D	0.0	0.0
Remote 5	12200	K	Vertical	DUKG/D	0.0	0.0
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, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0
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, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0

E50. Modulation	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		
entirety.)	and services (if the	ie complete description	on does not appear in	tins son, preuse go t	o the cha of the form	to view it in its		
QPSK, Data	a .							
Remote 5	11700 12200	R	Horizontal and Vertical	50KG7D	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, Data							
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data								
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	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.)	(11 12		on does not uppen in	time com, proues go to	o <b>uno cino</b> or <b>uno</b> roma	VO	
QPSK, Data	l						
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data	1						
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0	

E50. Modulation	and Campiage (If the	a commista decemintis	n door not annousin	this how places as to	the and of the form	to view it in its		
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its		
entirety.)								
QPSK, Data								
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0		
	12200		vertical					
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, Data								
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0		
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, Data								
Remote 5	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0		

E50. Modulation	and Caminas (If the			41.:a 1. a.u 1. a.a.a - a.a. 4.		
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0
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, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0
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, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0

E50. Modulation	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	
entirety.)		o compress description	on does not appear in	ums com, preuse go c	o <b>uno cino</b> or <b>uno</b> roma	VO	
QPSK, Data							
Remote 5	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 5	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
grow, baca							
Remote 5	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0	

E50. Modulation	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	
entirety.)		r r	T T	, r 8			
QPSK, Data							
Remote 5	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 5	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 5	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0	

E50. Modulation	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	
entirety.)			on does not appear in	time com, product go to	o <b>uno emo</b> or <b>uno</b> roma	VO	
QPSK, Data							
Remote 5	11700 12200	R	Horizontal and Vertical	400KG7D	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, Data							
Remote 5	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0	
E50. Modulation entirety.)  QPSK, Data	`	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
Remote 5	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0	
	12200		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.)	and services (if the	ie complete description	on does not appear in	uns box, please go u	o the end of the form	to view it iii its		
QPSK, Data								
Remote 5	11700 12200	R	Horizontal and Vertical	400KG7D	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, Data								
Remote 5	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0		
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, Data								
Remote 5	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0		

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, Data						
Remote 5	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0
QPSK, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2
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, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2

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.)	and services (ii th	ic complete description	on does not appear in	tills box, picase go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 5	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
E50. Modulation entirety.)  QPSK, Data		ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
Remote 5	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its	
QPSK, Data							
Remote 5	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	

E50. Modulation	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		
entirety.)		r	T T T	, ,				
QPSK, Data								
Remote 5	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2		
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, Data								
Remote 5	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2		
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, Data								
Remote 5	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2		

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.)	and services (if the	ic complete description	on does not appear in	tills box, picase go to	o the end of the form	to view it in its		
QPSK, Data								
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2		
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, Data								
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2		
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, Data								
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2		

E50. Modulation	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	
entirety.)	`	1 1	11	71 8			
QPSK, Data							
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	
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, Data							
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	
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, Data							
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	

E50. Modulation	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
entirety.)	(11 11		on does not appear in	go t	0 410 4110 01 4110 101111	VO V10 W 10 111 100
QPSK, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

E50. Modulation	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
entirety.)		r		, ,		
QPSK, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
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, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
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, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

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, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
QPSK, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data	,	ne complete description	on does not appear in	this box, please go t	o the end of the form	to view it in its
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

E50. Modulation	and Services (If the	ne complete description	on does not annear in	this how please go to	the end of the form	to view it in its
entirety.)	and services (ii th	ic complete description	on does not appear in	tills box, picase go to	o the cha of the form	to view it in its
QPSK, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
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
QPSK, Data						
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
QPSK, data						
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

E50. Modulation	and Services (If the	ne complete description	on does not annear in	this how please go to	o the end of the form	to view it in its
entirety.)	and services (ii th	ic complete description	on does not appear in	tills box, picase go to	o the cha of the form	to view it in its
QPSK, data						
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)  QPSK, data		ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
QPSK, data						
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

E50. Modulation	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
entirety.)	,	1 1	11	71 <i>C</i>		
QPSK, data	Į.					
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)  QPSK, data	,	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
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, data						
Remote 5	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

	50. 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	
entir	ety.)		
	QPSK, data		

## 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	Station Azimuth Angle	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
Remote 5	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8

## REMOTE CONTROL POINT LOCATION

E61. Call Sign	E66. Phone Number
E980235	(337) 761–2000
NOTE: Please enter the callsign of the controlling station, not the	
callsign for which this application is being filed.	

E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583
E61. Call Sign E980235 NOTE: Please enter the callsign of the controcallsign for which this application is being filed.		E66. Phone Number (337) 761–2000	:	
E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583

# 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:	Remote 6	E5. Call Sign:	E980235		
E2: Contact Name	Peter C. Malcolm	E6. Phone Number:	(337) 761–3574		
E3. Street:	1710 W. Willow St.	E7. City:	Scott		
		E8. County:	Lafayette		
E4. State	LA	E9. Zip Code	70583		
E10. Area of Operat	cion:	CONUS, Gulf of Mo	exico		
E11. Latitude:	0 °0 '0.0 "				
E12. Longitude:	0 °0 '0.0 "				
E13. Lat/Lon Coord	linates are:	O NAD-27	<b>○</b> 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.	<b>●</b> Yes	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 Yes	O No	<b>⊗</b> N/A

E17. Is the facility operated by remote control? If YES, provide the loc point.	<b>●</b> Yes	O No				
E18. Is frequency coordination required? If YES, attach a frequency co	pordination report as	O 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	<b>⊘</b> 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.	O Yes	No				
POINTS OF COMMUNICATION						
Satellite Name: OTHER If you selected OTHER, please enter the	following:					
E21. Common Name: NSS-7	E22. ITU Name: NSS-16					
E23. Orbit Location: 22W	E24. Country: Netherlands					
Satellite Name: OTHER If you selected OTHER, please enter the	following:					
E21. Common Name: AMC-4	E22. ITU Name: AMC-4					
E23. Orbit Location: 101W	E24. Country: USA					
Satellite Name: OTHER If you selected OTHER, please enter the	e following:					

E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
	· · · · · · · · · · · · · · · · · · ·				
Satellite Name: OTHER If you selected OTHER, please enter the fe	ollowing:				
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
Satellite Name: OTHER If you selected OTHER, please enter the f	ollowing:				
E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
Satellite Name: OTHER If you selected OTHER, please enter the f	ollowing:				
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
Satellite Name: OTHER If you selected OTHER, please enter the f	ollowing:				
E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
Satellite Name: OTHER If you selected OTHER, please enter the f	ollowing:				
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
POINTS OF COMMUNICATION (Destination Points)					
E25. Site Identifier: Remote 6					

E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 6	
L23. Site identifier. Remote 0	

E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name: NSS-7	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)
Remote 6	Remote 6	25	Seatel	4996T	1.2	41.7 dBi at 11.950
						41.7 dBi at 11.950
						41.7 dBi at 11.950
						41.7 dBi at 11.950
						43.3 dBi at 14.250

			43.3 dBi at 14.250
			43.3 dBi at 14.250
			43.3 dBi at 14.250
			13.3 dB1 dt 11.250

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	E36. Above Sea Level(meters)	Height Above	E38. Total Input Power at antenna flange (Watts)	E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
Remote 6	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.3
Remote 6	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.3
Remote 6	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.3
Remote 6	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.3

### FREQUENCY

	E43/44. Frequency Bands (MHz)	E45. T/R Mode			EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
Remote 6	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0

E50. Modulation	and Sarvigae (If th	a complete description	on does not ennear in	this how places go to	the end of the form	to view it in its
entirety.)	and services (if the	ie complete description	on does not appear in	uns box, please go to	o the end of the form	to view it iii its
QPSK, Data						
Remote 6	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0
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, Data						
Remote 6	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0
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, Data						
Remote 6	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0

E50. Modulation	and Sarvigae (If th	a complete description	on does not ennear in	this how places go to	o the end of the form	to view it in its
entirety.)	and services (if the	ie complete description	on does not appear in	uns box, please go to	o the end of the form	to view it iii its
QPSK, Data						
Remote 6	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0
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, Data						
Remote 6	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0
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, Data						
Remote 6	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0

E50. Modulation	and Sarvigae (If th	a complete description	on does not ennear in	this how places go to	the end of the form	to viou it in its
entirety.)	and services (if the	ie complete description	on does not appear in	uns box, please go u	o the end of the form	to view it in its
QPSK, Data						
Remote 6	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0
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, Data						
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0
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, Data						
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0

E50. Modulation	and Sarvigae (If th	a complete description	on does not ennear in	this boy places so to	o the end of the form	to view it in its
entirety.)	and services (if the	ie complete description	on does not appear in	uns box, please go u	o the end of the form	to view it iii its
QPSK, Data						
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0
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, Data						
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0
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, Data						
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0

E50. Modulation	and Caminas (If the			4h:a h a 1			
	and Services (II th	ie compiete descriptio	on does not appear in	this box, please go to	the end of the form	to view it in its	
entirety.)							
QPSK, Data							
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0	
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	
QPSK, Data							
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0	

E50. Modulation	and Campiage (If the	a acmuniata dagamintis	n door not annousin	this how places on to	the and of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	tills box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 6	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical	.0012072		
E50. Modulation	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
gron, baca						
D	11700	ъ	TT 1 1	100V.CZD	0.0	0.0
Remote 6	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	and Services (If th	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)	(11 11	o complete desemption	on does not uppour m	tins con, produce go to	, <b>, , , , , , , , , , , , , , , , , , </b>	10 110 11 110
QPSK, Data						
Remote 6	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical			
	<u> </u>					I

E50. Modulation	and Campiage (If the	a aammlata dagamintid	n door not annousin	this how places on to	the and of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	tills box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 6	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical	.0012072		
E50. Modulation	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
gron, baca						
D	11700	ъ	TT 1 1	100V.CZD	0.0	0.0
Remote 6	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	and Services (If th	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)	(11 11	o complete desemption	on does not uppour m	tins con, produce go to	, <b>, , , , , , , , , , , , , , , , , , </b>	10 110 11 110
QPSK, Data						
Remote 6	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical			
	<u> </u>					I

E50. Modulation	and Campiage (If the	a commista decemintis	n door not annousin	this how places as to	the and of the form	to view it in its	
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its	
entirety.)							
QPSK, Data							
Remote 6	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0	
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, Data							
Remote 6	11700 12200	R	Horizontal and Vertical	400KG7D	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, Data							
Remote 6	11700 14500	R	Horizontal and Vertical	200KG7D	0.0	0.0	

E50. Modulation	and Carriage (If th	a complete description	on does not ennear in	this how places so to	o the end of the form	to viou it in its	
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	o the end of the form	to view it in its	
entirety.)							
QPSK, Data							
Remote 6	11700 14500	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 6	11700 14500	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 6	11700 14500	R	Horizontal and Vertical	200KG7D	0.0	0.0	

E50. Modulation	and Carriage (If th	a complete description	on does not ennear in	this how places so to	o the end of the form	to viou it in its	
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	o the end of the form	to view it in its	
entirety.)							
QPSK, Data							
Remote 6	11700 14500	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 6	11700 14500	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 6	11700 14500	R	Horizontal and Vertical	200KG7D	0.0	0.0	

E50. Modulation	and Campiage (If the	a aammlata dagamintis	n door not annousin	this have places as to	the and of the form	to view it in its
	and services (II th	le compiete description	on does not appear in	uns box, please go to	the end of the form	to view it iii its
entirety.)						
QPSK, Data						
Remote 6	11700	R	Horizontal and	200KG7D	0.0	0.0
	14500		Vertical			
E50. Modulation	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
entirety.)						
QPSK, Data						
Remote 6	14000	T	Horizontal and	50KG7D	36.8	26.2
	14500		Vertical			
E50. Modulation	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
entirety.)						
QPSK, Data						
Remote 6	14000	T	Horizontal and	50KG7D	36.8	26.2
	14500		Vertical			

E50. Modulation	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
entirety.)	`	1	11	71 6		
QPSK, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2
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, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2
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, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2

E50. Modulation	and Campiage (If the	a aammlata dagamintid	n door not annousin	this how places as to	the end of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	o the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 6	14000	T	Horizontal and	50KG7D	36.8	26.2
	14500		Vertical			
E50. Modulation	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
entirety.)						
QPSK, Data						
gron, baca						
D	14000	TD.	TT 1 1	FOLLGED	26.0	26.2
Remote 6	14000	Т	Horizontal and	50KG7D	36.8	26.2
	14500		Vertical			
E50. Modulation	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
entirety.)	(			, , , , , , , , , , , , , , , , , , ,		
QPSK, Data						
Remote 6	14000	T	Horizontal and	50KG7D	36.8	26.2
	14500		Vertical			
				l		I

E50. Modulation	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
entirety.)	(11 11		on does not appear in	go t	5 <b>4.10</b> 5.1 <b>0</b> 5.1 <b>4.10</b> 15.1.1.	VS
QPSK, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2

E50. Modulation	and Carriage (If the	a commista decemintis	n door not annousin	this have places as to	the and of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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
QPSK, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2

E50. Modulation	and Services (If th	e complete description	on does not annear in	this how please go to	o the end of the form	to view it in its
entirety.)	and services (if the	ic complete description	on does not appear in	tills box, picase go to	o the end of the form	to view it in its
QPSK, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
QFSR, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

E50. Modulation	and Services (If th	ne complete description	on does not annear in	this how please go to	o the end of the form	to view it in its
entirety.)	and services (if the	ic complete description	on does not appear in	tills box, picase go to	o the end of the form	to view it in its
QPSK, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data		ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
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, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

E50. Modulation	and Carriage (If th	a aamnlata dasarintis	on does not ennear in	this how places as to	o the end of the form	to view it in its
entirety.)	and Services (II th	e complete descriptio	on does not appear in	uns box, please go u	o the end of the form	to view it iii its
QPSK, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete descriptio	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
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, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

E50. Modulation	and Services (If th	ne complete description	on does not annear in	this how please go to	o the end of the form	to view it in its
entirety.)	and services (II th	ic complete description	on does not appear in	tills box, picase go to	o the end of the form	to view it in its
QPSK, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data		ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 6	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
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
QPSK, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

E50. Modulation	and Campiage (If th	a complete description	on does not ennear in	this how places so to	the end of the form	to viou it in its
entirety.)	and services (II iii	ie complete descriptio	on does not appear in	uns box, please go u	o the end of the form	to view it iii its
QPSK, Data						
Remote 6	14000	Т	Horizontal and	400KG7D	45.8	26.2
	14500		Vertical			
E50. Modulation	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
	•					
D	14000	Т	TT	400KC7D	45.0	26.2
Remote 6	14000	Т	Horizontal and	400KG7D	45.8	26.2
	14500		Vertical			
E50. Modulation	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
entirety.)	`	1 1	11	, I C		
QPSK, Data						
Remote 6	14000	Т	Horizontal and	400KG7D	45.8	26.2
	14500		Vertical			
				l		i

E50. Modulation	and Services (If the	ne complete description	on does not annear in	this how please go to	o the end of the form	to view it in its
entirety.)	and services (if the	ic complete description	on does not appear in	tills box, picase go to	o the end of the form	to view it in its
QPSK, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)  QPSK, Data		ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
2-511, 2-31-51						
Remote 6	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
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, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

E entir	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	
	QPSK, Data		

## 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)
Remote 6	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8

### REMOTE CONTROL POINT LOCATION

E61. Call Sign	E66. Phone Number
E980235	337–761–2000
NOTE: Please enter the callsign of the controlling station, not the	
callsign for which this application is being filed.	

E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583
E61. Call Sign E980235 NOTE: Please enter the callsign of the controcallsign for which this application is being filed.	E66. Phone Number 337–761–2000	•		
E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583

# 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:	Remote 6	E5. Call Sign:	E980235			
E2: Contact Name	Peter C. Malcolm	E6. Phone Number:	(337) 761–3574			
E3. Street:	1710 W. Willow St.	E7. City:	Scott			
		E8. County:	Lafayette			
E4. State	LA	E9. Zip Code	70583			
E10. Area of Operat	ion:	CONUS, Gulf of Mo	exico			
E11. Latitude:	0 °0 '0.0 "					
E12. Longitude:	0 °0 '0.0 "					
E13. Lat/Lon Coord	linates are:	<b>○</b> NAD-27	O 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.	<b>●</b> Yes	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 Yes	O No	● N/A

E17. Is the facility operated by remote control? If YES, provide the loca point.	ntion and telephone number of the control	Yes No			
E18. Is frequency coordination required? If YES, attach a frequency coordination	ordination report as	O Yes O No			
E19. Is coordination with another country required? If YES, attach the recoordination 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 FAZ 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: OTHER If you selected OTHER, please enter the	following:				
E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
Satellite Name: OTHER If you selected OTHER, please enter the	following:				
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W E24. Country: USA					
Satellite Name: OTHER If you selected OTHER, please enter the	following:				

E21. Common Name: NSS-7	E22. ITU Name: NSS-16		
E23. Orbit Location: 22W	E24. Country: Netherlands		
Satellite Name: OTHER If you selected OTHER, please enter the for	ollowing:		
E21. Common Name: AMC-4	E22. ITU Name: AMC-4		
E23. Orbit Location: 101W	E24. Country: USA		
Satellite Name: OTHER If you selected OTHER, please enter the for	ollowing:		
E21. Common Name: NSS-7	E22. ITU Name: NSS-16		
E23. Orbit Location: 22W	E24. Country: Netherlands		
Satellite Name: OTHER If you selected OTHER, please enter the for	ollowing:		
E21. Common Name: AMC-4	E22. ITU Name: AMC-4		
E23. Orbit Location: 101W	E24. Country: USA		
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:		
E21. Common Name: NSS-7	E22. ITU Name: NSS-16		
E23. Orbit Location: 22W	E24. Country: Netherlands		
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:		
E21. Common Name: AMC-4	E22. ITU Name: AMC-4		
E23. Orbit Location: 101W	E24. Country: USA		
POINTS OF COMMUNICATION (Destination Points)			
E25. Site Identifier: Remote 6			

E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name: AMC–4	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 6	
	FOR G
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 6	

E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 6	
E26. Common Name: NSS-7	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)
Remote 6	Remote 6	25	Seatel	4996T	1.2	41.7 dBi at 11.950
						41.7 dBi at 11.950
						41.7 dBi at 11.950
						41.7 dBi at 11.950
						43.3 dBi at 14.250

			43.3 dBi at 14.250
			43.3 dBi at 14.250
			43.3 dB1 at 14.230
			43.3 dBi at 14.250

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	` '	Height Above		E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
Remote 6	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.3
Remote 6	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.3
Remote 6	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.3
Remote 6	0.0/0.0	0.0	0.0	0.0	4.0	0.0	49.3

## FREQUENCY

	E43/44. Frequency Bands (MHz)				E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
Remote 6	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0

E50. Modulation	and Caminas (If the			41.:a 1. a. a. a. a. a. a. 4.		
	and Services (II th	ie compiete descriptio	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 6	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	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
entirety.)						
QPSK, Data						
Remote 6	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	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
entirety.)						
QPSK, Data						
Remote 6	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical			

E50. Modulation	and Caminas (If the			41.:a 1. a. a. a. a. a. a. 4.		
	and Services (II th	ie compiete descriptio	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 6	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	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
entirety.)						
QPSK, Data						
Remote 6	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	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
entirety.)						
QPSK, Data						
Remote 6	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical			

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, Data							
Remote 6	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0	
E50. Modulation entirety.)  QPSK, Data	,	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0	

E50. Modulation	and Services (If th	e complete description	on does not annear in	this hox please on to	o the end of the form	to view it in its	
entirety.)	and services (ii th	ie complete description	on does not appear in	tins box, piedse go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 6	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data	a						
Remote 6	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0	
E50. Modulation entirety.)  QPSK, Data		ne complete description	on does not appear in	this box, please go t	o the end of the form	to view it in its	
Remote 6	11700 12200	R	Horizontal and Vertical	400KG7D	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, Data							
Remote 6	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0	

E50. Modulation	and Campiaga (If the	a acmuniata dagamintis	n door not annousin	this how places on to	the and of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	tills box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 6	11700	R	Horizontal and	400KG7D	0.0	0.0
2.0111010	12200		Vertical	.0012072		
E50. Modulation	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
gron, baca	•					
D	11700	ъ	TT 1 1	100V.CZD	0.0	0.0
Remote 6	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	and Services (If th	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)	(11 11	o complete desemption	on does not uppour m	tins con, produce go to	, <b>, , , , , , , , , , , , , , , , , , </b>	10 110 11 110
QPSK, Data						
Remote 6	11700	R	Horizontal and	400KG7D	0.0	0.0
	12200		Vertical			
	<u> </u>					1

E50. Modulation	and Campiage (If the	a commista decemintis	n door not annousin	this how places on to	the and of the form	to view it in its		
	and Services (II th	ie complete descriptio	on does not appear in	tills box, please go to	the end of the form	to view it in its		
entirety.)								
QPSK, Data								
Remote 6	11700 12200	R	Horizontal and Vertical	400KG7D	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, Data								
Remote 6	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0		
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, Data								
Remote 6	11700 14500	R	Horizontal and Vertical	200KG7D	0.0	0.0		

E50. Modulation	and Carriage (If th	a complete description	on does not ennear in	this how places so to	the end of the form	to view it in its		
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	o the end of the form	to view it in its		
entirety.)								
QPSK, Data								
Remote 6	11700 14500	R	Horizontal and Vertical	200KG7D	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, Data								
Remote 6	11700 14500	R	Horizontal and Vertical	200KG7D	0.0	0.0		
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, Data								
Remote 6	11700 14500	R	Horizontal and Vertical	200KG7D	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.)	and services (if the	le complete description	on does not appear in	uns box, please go u	o the end of the form	to view it iii its		
QPSK, Data								
Remote 6	11700 14500	R	Horizontal and Vertical	200KG7D	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, Data								
Remote 6	11700 14500	R	Horizontal and Vertical	200KG7D	0.0	0.0		
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, Data								
Remote 6	11700 14500	R	Horizontal and Vertical	200KG7D	0.0	0.0		

E50. Modulation	and Services (If t	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its	
entirety.)	•	1 1	11	71 8			
QPSK, Data	A						
Remote 6	11700 14500	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 6	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
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, Data							
Remote 6	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	

E50. Modulation	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		
entirety.)	`	1	11	71 6				
QPSK, Data								
Remote 6	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2		
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, Data	QPSK, Data							
Remote 6	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2		
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, Data								
Remote 6	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2		

E50. Modulation	and Sarvices (If th	na complete description	on does not annear in	this boy please go to	o the end of the form	to view it in its	
entirety.)	and services (ii th	ic complete description	on does not appear in	tills box, picase go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 6	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
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	
QPSK, Data							
Remote 6	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	
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, Data							
Remote 6	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2	

E50. Modulation	and Services (If the	ne complete description	on does not annear in	this how please go to	o the end of the form	to view it in its			
entirety.)	and services (if the	ic complete description	on does not appear in	tills box, picase go to	o the end of the form	to view it in its			
QPSK, Data									
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2			
E50. Modulation entirety.)  QPSK, Data									
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2			
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, Data									
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2			

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, Data	1							
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2		
	QPSK, Data							
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2		
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, Data								
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2		

E50. Modulation entirety.)	and Services (If the	he complete description	on does not appear ir	this box, please go t	o the end of the form	to view it in its		
QPSK, Data	1							
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2		
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, Data								
Remote 6	14000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2		
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, Data    14000   T.								
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2		

E50. Modulation	and Services (If the	ne complete description	on does not annear in	this how please go to	o the end of the form	to view it in its	
entirety.)	and services (if the	ic complete description	on does not appear in	tills box, picase go to	o the end of the form	to view it in its	
QPSK, Data							
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	
E50. Modulation entirety.)  QPSK, Data		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 3 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7							
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its	
QPSK, Data							
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	

E50. Modulation	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.)	(== ==			5, F 8		
QPSK, Data	r					
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data	·	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data	,	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

E50. Modulation	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.)		r r		,,		
QPSK, Data	į.					
Remote 6	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data	·	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 6	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)  QPSK, Data	,	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
groit, baca						
Remote 6	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

E50. Modulation	and Services (If the	ne complete description	on does not annear in	this how please go to	the end of the form	to view it in its
entirety.)						to view it in its
QPSK, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)  QPSK, Data		ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
2-511, 2-31-51						
Remote 6	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
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, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

E50. Modulation	and Services (If the	ne complete description	on does not annear in	this how please go to	the end of the form	to view it in its
entirety.)						to view it in its
QPSK, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)  QPSK, Data		ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
2-511, 2-31-51						
Remote 6	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
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, Data						
Remote 6	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

E entir	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	
	QPSK, Data		
			l

## 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)
Remote 6	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-10.8

### REMOTE CONTROL POINT LOCATION

E61. Call Sign	E66. Phone Number
E980235	337–761–2000
NOTE: Please enter the callsign of the controlling station, not the	
callsign for which this application is being filed.	

E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583
E61. Call Sign E980235 NOTE: Please enter the callsign of the controcallsign for which this application is being filed.	E66. Phone Number 337–761–2000	:		
E62. Street Address 1710 W. Willow Street				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583

# 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: Remote 7 E5. Call Sign: E980235 E2: Contact Name Peter C. Malcolm E6. Phone (337) 761-3574 Number: E3. Street: 1710 W. Willow St. E7. City: Scott E8. County: Lafayette E9. Zip Code E4. State LA 70583 E10. Area of Operation: CONUS, Gulf of Mexico E11. Latitude: 0 °0 '0.0 " 0 °0 '0.0 " E12. Longitude: E13. Lat/Lon Coordinates are: NAD-27 O 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.	<b>O</b> Yes	<b>⊚</b> 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 loca point.	ntion and telephone number of the control	Yes   No
E18. Is frequency coordination required? If YES, attach a frequency coordination	ordination report as	O Yes O No
E19. Is coordination with another country required? If YES, attach the recoordination 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 FAZ 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: OTHER If you selected OTHER, please enter the	following:	
E21. Common Name: NSS-7	E22. ITU Name: NSS-16	
E23. Orbit Location: 22W	E24. Country: Netherlands	
Satellite Name: OTHER If you selected OTHER, please enter the	following:	
E21. Common Name: AMC-4	E22. ITU Name: AMC-4	
E23. Orbit Location: 101W	E24. Country: USA	
Satellite Name: OTHER If you selected OTHER, please enter the	following:	

E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
	· · · · · · · · · · · · · · · · · · ·				
Satellite Name: OTHER If you selected OTHER, please enter the for	ollowing:				
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
Satellite Name: OTHER If you selected OTHER, please enter the fe	ollowing:				
E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
Satellite Name: OTHER If you selected OTHER, please enter the following:					
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:				
E21. Common Name: NSS-7	E22. ITU Name: NSS-16				
E23. Orbit Location: 22W	E24. Country: Netherlands				
Satellite Name: OTHER If you selected OTHER, please enter the fo	Satellite Name: OTHER If you selected OTHER, please enter the following:				
E21. Common Name: AMC-4	E22. ITU Name: AMC-4				
E23. Orbit Location: 101W	E24. Country: USA				
POINTS OF COMMUNICATION (Destination Points)					
E25. Site Identifier: Remote 7					

E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 7	<u> </u>
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name: AMC-4	E27. Country: USA
	•
E25. Site Identifier: Remote 7	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 7	
	I

E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name: NSS-7	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)
Remote 7	Remote 7	500	Seatel	4003	1.0	39.6 dBi at 11.950
						39.6 dBi at 11.950
						39.6 dBi at 11.950
						39.6 dBi at 11.950
						41.3 dBi at 14.250

			41.3 dBi at 14.250
			41.3 dBi at 14.250
			41.3 dBi at 14.250

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)	
Remote 7	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2
Remote 7	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2
Remote 7	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2
Remote 7	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2

## FREQUENCY

	E43/44. Frequency Bands (MHz)				E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
Remote 7	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0

E50. Modulation	and Services (If th	ne complete description	on does not appear in	this hox please on to	o the end of the form	to view it in its	
entirety.)	and betvices (if the	ie complete description	on does not appear in	tins box, pieuse go to	o the cha of the form	to view it in its	
QPSK, Data	1						
Remote 7	11700 12200	R	Horizontal and Vertical	50KG7D	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, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	50KG7D	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, Data	1						
Remote 7	11700 12200	R	Horizontal and Vertical	50KG7D	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, Data	ı						
Remote 7	11700 12200	R	Horizontal and Vertical	50KG7D	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, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	50KG7D	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, Data							
Remote 7	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0	

E50. Modulation	and Campiaga (If the	a acmuniata dagamintis	n door not annousin	this how places as to	the and of the form	to view it in its
	and services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 7	11700	R	Horizontal and	50KG7D	0.0	0.0
Remote /	12200	K	Vertical	Soliding	0.0	0.0
	12200		vertical			
E50. Modulation	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
entirety.)						
ODGIL D						
QPSK, Data	-					
Remote 7	11700	R	Horizontal and	100KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
QPSK, Data						
Remote 7	11700	R	Horizontal and	100KG7D	0.0	0.0
	12200		Vertical			
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E50. Modulation	and Sarvigae (If th	a complete description	on does not ennear in	this how places go to	the end of the form	to view it in its
entirety.)	and services (if the	ie complete description	on does not appear in	uns box, please go to	o the end of the form	to view it iii its
QPSK, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0
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, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0
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, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0

E50. Modulation	and Caminas (If the			4h:a h a 1		
	and Services (II th	ie compiete descriptio	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0
	12200		vertical			
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, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0
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, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0

E50. Modulation	and Campiage (If the	a commista decemintis	n door not annousin	this how places as to	the and of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 7	11700	R	Horizontal and	200KG7D	0.0	0.0
Remote /	12200	K	Vertical	200KG/D	0.0	0.0
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, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0
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, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0

E50. Modulation	and Campiage (If the	a commista decemintis	n door not annousin	this how places as to	the and of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 7	11700	R	Horizontal and	200KG7D	0.0	0.0
Remote /	12200	K	Vertical	200KG/D	0.0	0.0
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, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0
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, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0

E50 Modulation	and Campiaga (If the	a acmuniata dagamintis	n door not annou in	this how places on to	the and of the form	to view it in its	
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, Data							
Remote 7	11700	R	Horizontal and	200KG7D	0.0	0.0	
,	12200		Vertical	20011072			
E50. Modulation	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its	
entirety.)							
QPSK, Data							
gron, baca	•						
D 7	11700	ъ	TT 1 1	2001/07D	0.0	0.0	
Remote 7	11700	R	Horizontal and	200KG7D	0.0	0.0	
	12200		Vertical				
E50. Modulation	and Services (If th	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its	
entirety.)	(11 11	o complete desemption	on does not uppour m	tins con, produce go to	, <b>, , , , , , , , , , , , , , , , , , </b>	10 110 11 110	
QPSK, Data							
Remote 7	11700	R	Horizontal and	400KG7D	0.0	0.0	
	12200		Vertical				
	<u> </u>					I	

E50. Modulation	and Campiage (If the	a aammlata dagamintid	n door not annousin	this how places as to	the and of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0
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, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0
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, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0

E50. Modulation	and Campiage (If the	a aammlata dagamintid	n door not annousin	this how places as to	the and of the form	to view it in its
	and Services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0
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, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0
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, Data						
Remote 7	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0

E50 Modulation	and Campiage (If the	a aammlata dagamintid	n door not annousin	this how places as to	the and of the form	to view it in its	
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, Data							
Remote 7	11700	R	Horizontal and	400KG7D	0.0	0.0	
Tiomote /	12200		Vertical	10011372	0.0		
E50. Modulation	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	
entirety.)							
QPSK, Data							
QFBR, Data							
	Г			Г	T		
Remote 7	14000	T	Horizontal and	50KG7D	36.8	26.2	
	14500		Vertical				
E50. Modulation	and Services (If th	e complete description	on does not annear in	this how please go to	the end of the form	to view it in its	
entirety.)	and services (if the	ic complete description	in does not appear in	tills box, picase go to	o the cha of the form	to view it in its	
entificity.)							
QPSK, Data							
Remote 7	14000	Т	Horizontal and	50KG7D	36.8	26.2	
	14500		Vertical				
				l			

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.)	and services (if the	ic complete description	on does not appear in	tills box, piease go to	o the end of the form	to view it in its
QPSK, Data						
Remote 7	14000 14500	T	Horizontal and Vertical	50KG7D	36.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 7	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2
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
QPSK, Data						
Remote 7	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2

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.)	and services (if the	ic complete description	on does not appear in	tills box, piease go to	o the end of the form	to view it in its
QPSK, Data						
Remote 7	14000 14500	T	Horizontal and Vertical	50KG7D	36.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 7	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2
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
QPSK, Data						
Remote 7	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2

E50. Modulation	and Carriage (If th	a complete description	on does not ennear in	this how places as to	o the end of the form	to view it in its
entirety.)	and Services (II th	le complete description	on does not appear in	uns box, please go u	o the end of the form	to view it iii its
QPSK, Data						
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2
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, Data						
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2

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.)	and services (ii th	ic complete description	on does not appear in	tills box, piease go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	
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, Data							
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	
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, Data							
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	

E50. Modulation	n and Services (If t	he complete description	on does not appear in	this box, please go t	o the end of the form	to view it in its	
entirety.)	`	1 1	11	71 2			
QPSK, Data	a						
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	
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, Data							
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	
E50. Modulation entirety.)	n and Services (If t	he complete description	on does not appear in	this box, please go t	o the end of the form	to view it in its	
QPSK, Data	a						
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2	

E50. Modulation entirety.)	and Services (If the	ne complete descripti	on does not appear is	n this box, please go	to the end of the form	n to view it in its
QPSK, Data	1					
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)	and Services (If the	he complete descripti	on does not appear is	n this box, please go	to the end of the form	n to view it in its
QPSK, Data	A					
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2
E50. Modulation entirety.)  QPSK, Data		ne complete descripti	on does not appear in	n this box, please go	to the end of the form	n to view it in its
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2

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, Data							
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2	
QPSK, Data							
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2	
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, Data							
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2	

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, Data							
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2	
QPSK, Data							
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	
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, Data							
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	

E50. Modulation	and Services (If the	ne complete description	on does not annear in	this how please go to	o the end of the form	to view it in its
entirety.)	and services (if the	ic complete description	on does not appear in	tills box, picase go to	o the end of the form	to view it in its
QPSK, Data						
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data						
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
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, Data						
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2

E50. Modulation	n and Services (If t	he complete description	on does not appear in	this box, please go t	o the end of the form	to view it in its
entirety.)						
QPSK, Data	a					
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)  QPSK, Data	·	he complete description	on does not appear in	this box, please go t	o the end of the form	to view it in its
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)	n and Services (If t	he complete description	on does not appear in	this box, please go t	o the end of the form	to view it in its
QPSK, Data	a					
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2

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, Data

### 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)
Remote 7	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-23.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-23.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-23.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-23.8

#### REMOTE CONTROL POINT LOCATION

E61. Call Sign	E66. Phone Number
E980235	337–761–2000
NOTE: Please enter the callsign of the controlling station, not the	
callsign for which this application is being filed.	

E62. Street Address 1710 W. Willow St.				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583
E61. Call Sign E980235 NOTE: Please enter the callsign of the controcallsign for which this application is being filed.		E66. Phone Number 337–761–2000	·	
E62. Street Address 1710 W. Willow St.				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583

# 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: Remote 7 E5. Call Sign: E980235 E2: Contact Name Peter C. Malcolm E6. Phone (337) 761-3574 Number: E3. Street: 1710 W. Willow St. E7. City: Scott E8. County: Lafayette E9. Zip Code E4. State LA 70583 E10. Area of Operation: CONUS, Gulf of Mexico E11. Latitude: 0 °0 '0.0 " 0 °0 '0.0 " E12. Longitude: E13. Lat/Lon Coordinates are: NAD-27 O 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.	○ Yes	<b>⊚</b> 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 loca point.	ntion and telephone number of the control	Yes   No
E18. Is frequency coordination required? If YES, attach a frequency coordination	ordination report as	O Yes O No
E19. Is coordination with another country required? If YES, attach the recoordination 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 FAZ 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: OTHER If you selected OTHER, please enter the	following:	
E21. Common Name: NSS-7	E22. ITU Name: NSS-16	
E23. Orbit Location: 22W	E24. Country: Netherlands	
Satellite Name: OTHER If you selected OTHER, please enter the	following:	
E21. Common Name: AMC-4	E22. ITU Name: AMC-4	
E23. Orbit Location: 101W	E24. Country: USA	
Satellite Name: OTHER If you selected OTHER, please enter the	following:	

E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: Netherlands			
Satellite Name: OTHER If you selected OTHER, please enter the for	ollowing:			
E21. Common Name: AMC-4	E22. ITU Name: AMC-4			
E23. Orbit Location: 101W	E24. Country: USA			
Satellite Name: OTHER If you selected OTHER, please enter the for	ollowing:			
E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: Netherlands			
Satellite Name: OTHER If you selected OTHER, please enter the for	ollowing:			
E21. Common Name: AMC-4	E22. ITU Name: AMC-4			
E23. Orbit Location: 101W	E24. Country: USA			
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:			
E21. Common Name: NSS-7	E22. ITU Name: NSS-16			
E23. Orbit Location: 22W	E24. Country: Netherlands			
Satellite Name: OTHER If you selected OTHER, please enter the fo	ollowing:			
E21. Common Name: AMC-4	E22. ITU Name: AMC-4			
E23. Orbit Location: 101W	E24. Country: USA			
POINTS OF COMMUNICATION (Destination Points)				
E25. Site Identifier: Remote 7				

E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name:	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 7	<u> </u>
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name: AMC-4	E27. Country: USA
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E25. Site Identifier: Remote 7	
E26. Common Name: AMC-4	E27. Country: USA
E25. Site Identifier: Remote 7	
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E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name: NSS-7	E27. Country: USA
E25. Site Identifier: Remote 7	
E26. Common Name: NSS-7	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)
Remote 7	Remote 7	500	Seatel	4003	1.0	39.6 dBi at 11.950
						39.6 dBi at 11.950
						39.6 dBi at 11.950
						39.6 dBi at 11.950
						41.3 dBi at 14.250

			41.3 dBi at 14.250
			41.3 dBi at 14.250
			41.3 dBi at 14.250

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	` '	Height Above		E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
Remote 7	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2
Remote 7	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2
Remote 7	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2
Remote 7	0.0/0.0	0.0	0.0	0.0	4.0	0.0	50.2

# FREQUENCY

	E43/44. Frequency Bands (MHz)				E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
Remote 7	11700 12200	R	Horizontal and Vertical	50KG7D	0.0	0.0

E50. Modulation	and Campiaga (If the	a aammlata dagamintid	on door not annous in	this how places as to	the and of the form	to view it in its
	and services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 7	11700	R	Horizontal and	50KG7D	0.0	0.0
Remote 7	12200	IX.	Vertical	Soliding	0.0	0.0
	12200		vertical			
E50. Modulation	and Services (If th	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
ODGIL D						
QPSK, Data	-					
Remote 7	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
QPSK, Data						
Remote 7	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical			
		l		l		1

E50. Modulation	and Campiaga (If the	a aammlata dagamintid	on door not annous in	this how places as to	the and of the form	to view it in its
	and services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 7	11700	R	Horizontal and	50KG7D	0.0	0.0
Remote 7	12200	IX.	Vertical	Soliding	0.0	0.0
	12200		vertical			
E50. Modulation	and Services (If th	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
ODGIL D						
QPSK, Data	-					
Remote 7	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
QPSK, Data						
Remote 7	11700	R	Horizontal and	50KG7D	0.0	0.0
	12200		Vertical			
		l		l		1

E50. Modulation	and Campiaga (If the	a acmuniata dagamintis	n door not annousin	this how places as to	the and of the form	to view it in its
	and services (II th	ie complete descriptio	on does not appear in	uns box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
Remote 7	11700	R	Horizontal and	50KG7D	0.0	0.0
Remote /	12200	K	Vertical	Soliding	0.0	0.0
	12200		vertical			
E50. Modulation	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
entirety.)						
ODGIL D						
QPSK, Data	-					
				_		
Remote 7	11700	R	Horizontal and	100KG7D	0.0	0.0
	12200		Vertical			
E50. Modulation	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
entirety.)						
QPSK, Data						
QPSK, Data						
Remote 7	11700	R	Horizontal and	100KG7D	0.0	0.0
	12200		Vertical			
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E50. Modulation	and Services (If th	e complete description	on does not appear in	this hox please on to	o the end of the form	to view it in its	
entirety.)	and services (if the	ie complete description	on does not appear in	tins box, pieuse go to	o the cha of the form	to view it in its	
QPSK, Data							
Remote 7	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0	
E50. Modulation entirety.)  QPSK, Data	,	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
Remote 7	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data							
Remote 7	11700 12200	R	Horizontal and Vertical	100KG7D	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.)	and services (if the	ie complete description	on does not appear in	uns box, please go to	o the end of the form	to view it iii its		
QPSK, Data								
Remote 7	11700 12200	R	Horizontal and Vertical	100KG7D	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, Data								
Remote 7	11700 12200	R	Horizontal and Vertical	100KG7D	0.0	0.0		
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, Data								
Remote 7	11700 12200	R	Horizontal and Vertical	100KG7D	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.)	and services (if the	ie complete description	on does not appear in	uns box, please go u	o the end of the form	to view it iii its	
QPSK, Data							
Remote 7	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 7	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0	
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, Data							
Remote 7	11700 12200	R	Horizontal and Vertical	200KG7D	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.)	and services (if the	ie complete description	on does not appear in	uns box, please go u	o the end of the form	to view it iii its	
QPSK, Data							
Remote 7	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data							
Remote 7	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0	
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, Data							
Remote 7	11700 12200	R	Horizontal and Vertical	200KG7D	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.)	and services (if the	ie complete description	on does not appear in	uns box, please go u	o the end of the form	to view it iii its		
QPSK, Data								
Remote 7	11700 12200	R	Horizontal and Vertical	200KG7D	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, Data								
Remote 7	11700 12200	R	Horizontal and Vertical	200KG7D	0.0	0.0		
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, Data								
Remote 7	11700 12200	R	Horizontal and Vertical	400KG7D	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.)	and services (if the	ie complete description	on does not appear in	uns box, please go u	o the end of the form	to view it iii its		
QPSK, Data								
Remote 7	11700 12200	R	Horizontal and Vertical	400KG7D	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, Data								
Remote 7	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0		
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, Data								
Remote 7	11700 12200	R	Horizontal and Vertical	400KG7D	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.)	and services (if the	ie complete description	on does not appear in	uns box, please go u	o the end of the form	to view it iii its		
QPSK, Data								
Remote 7	11700 12200	R	Horizontal and Vertical	400KG7D	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, Data								
Remote 7	11700 12200	R	Horizontal and Vertical	400KG7D	0.0	0.0		
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, Data								
Remote 7	11700 12200	R	Horizontal and Vertical	400KG7D	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						
Remote 7	11700 12200	R	Horizontal and Vertical	400KG7D	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, Data						
Remote 7	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2
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, Data						
Remote 7	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2

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.)	and services (if the	ic complete description	on does not appear in	tills box, piease go to	o the end of the form	to view it in its
QPSK, Data						
Remote 7	14000 14500	T	Horizontal and Vertical	50KG7D	36.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 7	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2
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
QPSK, Data						
Remote 7	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2

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.)	and services (if the	ic complete description	on does not appear in	tills box, piease go to	o the end of the form	to view it in its
QPSK, Data						
Remote 7	14000 14500	T	Horizontal and Vertical	50KG7D	36.8	26.2
E50. Modulation entirety.)  QPSK, Data		e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
Remote 7	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2
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
QPSK, Data						
Remote 7	14000 14500	Т	Horizontal and Vertical	50KG7D	36.8	26.2

E50. Modulation	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		
entirety.)	,	1 1	11	71 8				
QPSK, Data								
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2		
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, Data								
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2		
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, Data								
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2		

E50. Modulation	n 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	
entirety.)	`	1	11	71 6			
QPSK, Data	a						
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	
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, Data							
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	
E50. Modulation entirety.)	n 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, Data	ā						
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	

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, Data							
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	
QPSK, Data							
Remote 7	14000 14500	Т	Horizontal and Vertical	200KG7D	42.8	26.2	
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, Data							
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2	

E50. Modulation	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		
entirety.)		1	11	71 6				
QPSK, Data								
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2		
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, Data	QPSK, Data							
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2		
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, Data								
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2		

E50. Modulation	and Services (If th	e complete description	on does not annear in	this how please go to	o the end of the form	to view it in its		
entirety.)	and services (ii th	ic complete description	on does not appear in	tills box, piease go to	o the cha of the form	to view it in its		
QPSK, Data								
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2		
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, Data								
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2		
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, Data	QPSK, Data							
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2		

E50. Modulation	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		
entirety.)		1 1	11	71 8				
QPSK, Data								
Remote 7	14000 14500	Т	Horizontal and Vertical	400KG7D	45.8	26.2		
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its		
QPSK, Data	QPSK, Data							
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2		
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its		
QPSK, Data								
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2		

E50 Modulation	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.)	and services (if the	le complete description	on does not appear in	uns box, please go u	o the end of the form	to view it iii its	
QPSK, Data							
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	
E50. Modulation entirety.)  QPSK, Data	·	e complete description	on does not appear in	this box, please go to	the end of the form	to view it in its	
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	
E50. Modulation entirety.)  QPSK, Data	· ·	e complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its	
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2	

E50. Modulation	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
entirety.)						
QPSK, Data	a					
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)  QPSK, Data	,	he complete descripti	on does not appear ir	n this box, please go t	to the end of the form	to view it in its
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2
E50. Modulation entirety.)	n and Services (If t	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its
QPSK, Data	<b>a</b>					
Remote 7	140000 14500	Т	Horizontal and Vertical	100KG7D	39.8	26.2

	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
enti	irety.)	
	QPSK, Data	

## 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)
Remote 7	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-23.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-23.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-23.8
	Geostationary	11700 14500	43.0/143.0	0.0	8.0	0.0	8.0	-23.8

## REMOTE CONTROL POINT LOCATION

E61. Call Sign	E66. Phone Number
E980235	337–761–2000
NOTE: Please enter the callsign of the controlling station, not the	
callsign for which this application is being filed.	

E62. Street Address 1710 W. Willow St.				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583
E61. Call Sign E980235 NOTE: Please enter the callsig callsign for which this application	gn of the controlling station, not the n is being filed.	E66. Phone Number 337–761–2000	•	
E62. Street Address 1710 W. Willow St.				
E63. City Scott	E68. County Lafayette		E67/68. State/Country LA/ USA	E64. Zip Code 70583

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