	EXHIBIT D						
FCC 312 Schedule B	FEDERAL COMMUNICATIONS COMMISSION Page 1: Location						
	APPLICATION FOR SATELLITE SPACE AND EARTH STATION AUTHORIZATIONS						
Technical and Operational Description) (Place an "X" in one of the blocks below)							
STA REQUEST	Registration of new Domestic Amendment to a Pending Application Modification of License/Registration Notification of Minor Modification Receive-Only Station						
	$\mathbf{A} = \mathbf{C} + $						

B1. Location of Earth Station Site. If temporary-fixed, mobile, or VSAT remote facility, specify area of operation and point of contact. If VSAT hub station, give its location For VSAT networks attach individual Schedule B, Page 1 sheets for each hub station and each remote station. Individually provide the Location, Points of Communications, and Destination Points for each hub and remote station.

SAME AS IN LICENSE

B2. Points of Communications: List the names and orbit locations of all satellites with which this earth station will communicate. The entry "ALSAT" is sufficient to identify the names and locations of all satellite facilities licensed by the U.S. All non-U.S. licensed satellites must be listed individually.

Satellite Name and Orbit Location	Satellite Name and Orbit Location	Satellite Name and Orbit Location
All authorized US Domestic (ALSAT) Satellites		
Intelsat 11 (IS-11) @ 43 W.L.		
Intelsat 9 (IS-9) @ 58 W.L		
Intelsat 14 (IS_14) @ 45 W.L		
Intelsat 1R (IS-1R) @ 50 W.L		
Intelsat 707 (IS-707) @ 53 W.L		

B3. Destination points for communications using non-U.S. licensed satellites. For each non-U.S. licensed satellite facility identified in section B2 above, specify the destination point(s) (countries) where the services will be provided by this earth station via each non-U.S. license satellite system. Use additional sheets as needed.

Satellite Name	List of Destination Points

EXHIBIT D

Page 2: Antennas

FEDERAL COMMUNICATIONS COMMISSION APPLICATION FOR SATELLITE SPACE AND EARTH STATION AUTHORIZATIONS FCC Form 312 - Schedule B: (Technical and Operational Description)

B4. Earth Station Antenna Facilities: Use additional pages as needed.

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(a) Site ID*	(b) Antenna ID**	(c) Quantity	(d) Manufacturer	(e) Model	(f) Antenna Size (meters)	(g) Antenna Gain Transmit and/or Receive (dBi atGHz)				
SAME AS IN CURRENT LICENSE										

B5. Antenna Heights and Maximum Power Limits: (The corresponding Antenna ID in tables B4 and B5 applies to the same antenna)

		Maximum Antenna Height			(f) Maximum	(g) Total Input			
(a)	(b) Antenna Structure	(c) Above	(d) Above	Height Above	Antenna Height	Power at	(h) Total EIRP		
Antenna	Registration No.	Ground Level	Mean Sea Level	Ground Level	Above Rooftop	antenna flange	for all carriers		
ID**		(meters)	(meters)	(meters)***	(meters)***	(Watts)	(dBW)		
SAME AS IN CURRENT LICENSE									

Notes: * If this is an application for a VSAT network, identify the site (Item B1b, Schedule B, Page 1) where each antenna is located. Also include this Site-ID on Schedule B, Page 5. ** Identify each antenna in VSAT network or multi-antenna station with a unique identifier, such as HUB, REMOTE1, A1, A2, 10M, 12M, 7M, etc. Use this same antenna ID

throughout tables B4, B5, B6, and B7 when referring to the same antenna.

*** Attach sketch of site or exemption, See 47 CFR Part 17.

EXHIBIT D

Page 3: Coordination

FEDERAL COMMUNICATIONS COMMISSION APPLICATION FOR SATELLITE SPACE AND EARTH STATION AUTHORIZATIONS FCC Form 312 - Schedule B: (Technical and Operational Description)

(a) Antenna ID*	(b) Frequency Limits (MHz)	(c) Range of Satellite Arc Eastern Limit**	(d) Range of Satellite Arc Western Limit**	(e) Antenna Elevation Angle Eastern Limit	(f) Antenna Elevation Angle Western Limit	(g) Earth Station Azimuth Angle Eastern Limit	(h) Earth Station Azimuth Angle Western Limit	(i) Maximum EIRP Density toward the Horizon (dBW/4kHz)
		ADD THE	E FOLLOWING 7	FO INFORMATIC	ON IN LICENSE			
AK-10	10950-11200	40° W	123° W	29.0	33.2	119.6	235.3	0.0
AK-10	11450-11700	40° W	123° W	29.0	33.2	119.6	235.3	0.0
AK-10	11700-12200	40° W	123° W	29.0	33.2	119.6	235.3	0.0
AK-10	12500-12750	40° W	123° W	29.0	33.2	119.6	235.3	0.0
AK-10	12750-13250	40° W	123° W	29.0	33.2	119.6	235.3	-3.24
AK-10	14000-14500	40° W	123° W	29.0	33.2	119.6	235.3	-24.24
AK-10	13750-13770	40° W	123° W	29.0	33.2	119.6	235.3	-7.24
AK-10	13780-14000	40° W	123° W	29.0	33.2	119.6	235.3	-7.24

B6. Frequency Coordination Limits: Use additional pages as needed.

Notes: * Provide the ANTENNA-ID from table B4 to identify the antenna to which each frequency band and orbital arc range is associated.

** If operating with geostationary satellites, give the orbital arc limits and the associated elevation and azimuth angles. If operating with non-geostationary satellites, give the notation "NON-GEO" for the satellite arc and give the minimum operational elevation angle and the maximum azimuth angle range.

EXHIBIT D Page 4: Particulars

FEDERAL COMMUNICATIONS COMMISSION APPLICATION FOR SATELLITE SPACE AND EARTH STATION AUTHORIZATIONS FCC Form 312 - Schedule B: (Technical and Operational Description)

B7. Particulars of Operation (Full particulars are required for each r.f. carrier): Use additional pages as needed.

(a) Antenna ID*	(b) Frequency Limits (MHz)	(c) T/R Mode **	(d) Antenna Polarization (H,V,L,R)	(e) Emission Designator	(f) Maximum EIRP per Carrier (dBW)	(g) Maximum EIRP Density per Carrier	(h) Description of Modulation and Services
					G TO INFORM	(dBW/4kHz)	CENSE
AK-10	10950-11200	R	H,V,L,R	64K0G7W	0.0	0.0	Digital video and data
AK-10	10950-11200	R	H,V,L,R	72M0G7W	0.0	0.0	Digital video and data
AK-10	11450-11700	R	H,V,L,R	64K0G7W	0.0	0.0	Digital video and data
AK-10	11450-11700	R	H,V,L,R	72M0G7W	0.0	0.0	Digital video and data
AK-10	11700-12200	R	H,V,L,R	72M0G7W	0.0	0.0	Digital video and data
AK-10	12200-12750	R	H,V,L,R	64K0G7W	0.0	0.0	Digital video and data
AK-10	12200-12750	R	H,V,L,R	72M0G7W	0.0	0.0	Digital video and data
AK-10	12750-13250	Т	H,V,L,R	850KF2D	88.2	64.9	Command carrier
AK-10	12750-13250	Т	H,V,L,R	64K0G7W	61.8	49.8	Digital video and data
AK-10	12750-13250	Т	H,V,L,R	72M0G7W	89	46.4	Digital video and data
AK-10	14000-14500	Т	H,V,L,R	850KF2D	88.2	64.9	Command carrier
AK-10	14000-14500	Т	H,V,L,R	72M0G7W	89	46.4	Digital video and data
AK-10	13750-13770	Т	H,V,L,R	850KF2D	68	44.7	Command carrier
AK-10	13750-13770	Т	H,V,L,R	265KG7W	68	49.8	Digital video and data
AK-10	13750-13770	Т	H,V,L,R	72M0G7W	84	44.5	Digital video and data
AK-10	13780-14000	Т	H,V,L,R	850KF2D	68	44.7	Command carrier
AK-10	13780-14000	Т	H,V,L,R	265KG7W	68	49.8	Digital video and data
AK-10	13780-14000	Т	H,V,L,R	72M0G7W	84	44.5	Digital video and data
AK-10	10700-10.950	Т	H,V,L,R	64K0G7W	0.0	0.0	Digital video and data
AK-10	10700-10.950	Т	H,V,L,R	72M0G7W	0.0	0.0	Digital video and data
AK-10	11200-11450	Т	H,V,L,R	64K0G7W	0.0	0.0	Digital video and data
AK-10	11200-11450	Т	H,V,L,R	72M0G7W	0.0	0.0	Digital video and data

EXHIBIT D

Page 5: Questions

FEDERAL COMMUNICATIONS COMMISSION APPLICATION FOR SATELLITE SPACE AND EARTH STATION AUTHORIZATIONS FCC Form 312 - Schedule B: (Technical and Operational Description)

If VSAT Network, provide the SITE-ID (Item B1b) of the station that B8-B13 are in response to (HUB, REMOTE1, etc.):

cor	38. 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 measurements? If NO, provide as an exhibit, a technical analysis showing compliance with two-degree spacing policy.									
(FS	B9. 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 YES N/A NO									
Sec	tion 25.209(a2) and (b) as demonstrated by the manufactu	irer's qualification measu	arement?							
B10. Is	the facility operated by remote control? If YES, provide	ol point.		YES	NO NO					
	Remote Control Point Location:									
	B10a. Street Address									
	brod. Broot Hadross									
	B10b. City	B10c. County		B10.d. State/Country		B10e. Zip Code				
	biob. eng	Broe. County		Diola. Blate, Country		Broe. Elp code				
	B10f. Telephone Number		B10g, Call Sign of Con	trol Station (if appropriate)						
			Drog, cui sign of con	ior station (ir appropriate)						
			I							
B11. Is	frequency coordination required? If YES, attach a freque	ency coordination report	as an exhibit.							
					\square	YES				
B12. Is	coordination with another country required? If YES, attac	ch the name of the count	ry(ies)							
	nd plot of coordination contours as an exhibit. See Atta		-			YES	🖂 NO			
ai										
B13. F/	AA Notification - (See 47 CFT Part 17and 47 CFT Par	t 25.113(c))								
	where FAA notification is required, have you atta		pleted FCC Form 8	854		YES	🖂 NO			
	nd/or the FAA's study regarding the potential ha									
	AILURE TO COMPLY WITH 47 CFT PARTS				OITA'	N				
L'.	ALLOND TO COMPLET WITH 47 CFTTARIS		JOULI IN THE KE	ATUMA OF THIS ATTLIC		1 4				