INTELSAT
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November 19, 2014

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Application for Earth Station Modification
Castle Rock, Colorado Earth Station KL92
File Nos. SES-MOD-20141030-00834

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat"), at the request of the staff of the International Bureau, herein supplements its above referenced Application for Earth Station Modification. Specifically, Intelsat is correcting an error in Schedule B and has attached a new Schedule B for the Commission's convenience.

Please direct any further questions regarding this STA request to the undersigned at (703) 559-6949.

Sincerely,

Cynthia J. Grady

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais
Trang Nguyen

Attachment

○ Governmental Entity
◉ Other (please specify)

45. Name of Person Signing	46. Title of Person Signing
Cynthia J. Grady	Regulatory Counsel, Intelsat Corporation

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

SATELLITE EARTH STATION AUTHORIZATIONS
FCC Form 312 - Schedule B:(Technical and Operational Description)

FOR OFFICIAL USE ONLY

Location of Earth Station Site

E1: Site Identifier:	Castle Rock Teleport	E5. Call Sign:	KL 92	
E2: Contact Name	Gary Phillips	E6. Phone Number:	303-660-0606	
E3. Street:	5281 East Garton Road	E7. City:	Castle Rock	
		E8. County:	Douglass	
E4. State	CO	E9. Zip Code	80104	
E10. Area of Operation:		Castle Rock, CO		
E11. Latitude:	39 ° 16 ' 38.0 " N			
E12. Longitude:	104 ° 48 ' 25.0 " W			
E13. Lat/Lon Coordinates are:		○ NAD-27	◉ NAD-83	○ N/A
E14. Site Elevation (AMSL):		2087.9 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 ○ No ○ N/A
E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements?	○ Yes ○ No ◉ N/A
E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.	○ Yes ◉ No
E18. Is frequency coordination required? If YES, attach a frequency coordination report as	○ Yes ◉ No
E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as	○ Yes ◉ No
E20. FAA Notification - (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where FAA notification is required, have you attached a copy of a completed FCC Form 854 and/or the FAA's study regarding the potential hazard of the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.	◉ Yes ○ No

POINTS OF COMMUNICATION

Satellite Name:OTHER | OTHER | If you selected OTHER, please enter the following:	
E21. Common Name: Intelsat 31	E22. ITU Name:

E23. Orbit Location: 95.05 W	E24. Country: USA

Satellite Name:OTHER | OTHER | If you selected OTHER, please enter the following:	
E21. Common Name: INTELSAT 30	E22. ITU Name:
E23. Orbit Location: 95.05W	E24. Country: USA

POINTS OF COMMUNICATION (Destination Points)

E25. Site Identifier: Castle Rock Teleport	
E26. Common Name:INTELSAT 30	E27. Country: USA

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size	E41/42. Antenna Gain Transmint and/or Recieve (____dBi at _____GHz)
Castle Rock Teleport	CK1-7.6	1	NEC	9067A	7.6	0.0 dBi at
Castle Rock Teleport	CF-1-12.5	1	NEC	12.5M	12.5	0.0 dBi at

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	E36. Above Sea Level (meters)	E37. Building Height Above Ground Level (meters)	E38. Total Input Power at antenna flange (Watts)	E39. Maximum Antenna Height Above Rooftop (meters)	E40. Total EIRP for al carriers (dBW)
CK1-7.6	0.0/0.0	9.8	2097.7	0.0	338.8	0.0	85.0
CF-1-12.5	0.0/0.0	14.0	2101.9	0.0	125.9	0.0	85.0

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)
CK1-7.6	10950 11200	R	Linear and Circular	600KF2D	0.0	0.0
E50. Modulation and Services TELEMETRY CARRIER						
CK1-7.6	10950 11200	R	Linear and Circular	600KF2D	0.0	0.0
E50. Modulation and Services TELEMETRY CARRIER						
CK1-7.6	10950 11200	R	Linear and Circular	600KF2D	0.0	0.0
E50. Modulation and Services TELEMETRY CARRIER						
CK1-7.6	13750 14000	T	Linear and Circular	900KF2D	85.0	61.5
E50. Modulation and Services COMMAND CARRIER						
CK1-7.6	13750 14000	T	Linear and Circular	900KF2D	85.0	61.5
E50. Modulation and Services COMMAND CARRIER						
CK1-7.6	13750 14000	T	Linear and Circular	900KF2D	85.0	61.5
E50. Modulation and Services COMMAND CARRIER						

CF-1-12.5	10950 11200	R	Linear and Circular	600KF2D	0.0	0.0
E50. Modulation and Services TELEMETRY CARRIER						
CF-1-12.5	13750 14000	T	Linear and Circular	900KF2D	85.0	61.5
E50. Modulation and Services COMMAND CARRIER						

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits (MHz)	E54/55. Range of Satellite Arc Eastern/Western 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)
CK1-7.6	Geostationary	10950 11200	94.9/95.1	164.6	43.4	164.9	43.4	0.0
	Geostationary	13750 14000	94.9/95.1	164.6	43.4	164.9	43.4	-4.8
CF-1-12.5	Geostationary	10950 11200	94.9/95.1	164.6	43.4	164.9	43.4	0.0
	Geostationary	13750 14000	94.9/95.1	164.6	43.4	164.9	43.4	-6.9

REMOTE CONTROL POINT LOCATION

E61. Call Sign NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.			E66. Phone Number 0
E62. Street Address			
E63. City	E68. County 0	E67/68. State/Country / USA	E64. Zip Code

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