



**INTELSAT**

*Envision. Connect. Transform.*

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  
Riverside, California Earth Station E060384  
File Nos. SES-MFS-20141030-00829

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  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais  
Nguyen Trang

Attachment

Other (please specify)

45. Name of Person Signing  
Cynthia J. Grady

46. Title of Person Signing  
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:	1	E5. Call Sign:	E060384
E2. Contact Name	Dennis Nestor	E6. Phone Number:	951-928-3446
E3. Street:	22401 Juniper Flats Road	E7. City:	Nuevo
E4. State	CA	E8. County:	United States
E10. Area of Operation:		E9. Zip Code	92567
E11. Latitude:	33 ° 47 ' 47.3 " N		Nuevo, Riverside, CA
E12. Longitude:	117 ° 5 ' 15.0 " W		
E13. Lat/Lon Coordinates are:		<input checked="" type="radio"/> NAD-27	<input checked="" type="radio"/> NAD-83 <input type="radio"/> N/A
E14. Site Elevation (AMSL):		553.0 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  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?  Yes  No**  
**FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.**

**POINTS OF COMMUNICATION**

Satellite Name: OTHER | OTHER | If you selected OTHER, please enter the following:

E21. Common Name: INTELSAT 30

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 31	E22. ITU Name:
E23. Orbit Location: 95.05 W	E24. Country: USA

**POINTS OF COMMUNICATION (Destination Points)**

E25. Site Identifier: 1	
E26. Common Name:INTELSAT 31	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)	
1	IPC-08C	1	VERTEX/RSI	9M	9.0	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)
IPC-08C	0.0/0.0	10.0	563.0	0.0	750.0	0.0	88.8

**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)
IPC-08C	10950 11200	R	Linear and Circular	600KF2D	0.0	0.0
E50. Modulation and Services TELEMETRY CARRIER						
IPC-08C	10950 11200	R	Linear and Circular	600KF2D	0.0	0.0
E50. Modulation and Services TELEMETRY CARRIER						
IPC-08C	10950 11200	R	Linear and Circular	600KF2D	0.0	0.0
E50. Modulation and Services TELEMETRY CARRIER						
IPC-08C	10950 11200	R	Linear and Circular	600KF2D	0.0	0.0
E50. Modulation and Services TELEMETRY CARRIER						
IPC-08C	10950 11200	R	Linear and Circular	600KF2D	0.0	0.0
E50. Modulation and Services TELEMETRY CARRIER						
IPC-08C	10950 11200	R	Linear and Circular	600KF2D	0.0	0.0
E50. Modulation and Services TELEMETRY CARRIER						
IPC-08C	10950 11200	R	Linear and Circular	600KG7D	0.0	0.0
E50. Modulation and Services TELEMETRY CARRIER						

IPC-08C	13750 14000	T	Linear and Circular	900KF2D	85.0	61.5
E50. Modulation and Services COMMAND CARRIER						
IPC-08C	13750 14000	T	Linear and Circular	900KF2D	85.0	61.5
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IPC-08C	13750 14000	T	Linear and Circular	900KF2D	85.0	61.5
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E50. Modulation and Services COMMAND CARRIER						
IPC-08C	13750 14000	T	Linear and Circular	900KF2D	85.0	61.5
E50. Modulation and Services COMMAND CARRIER						
IPC-08C	13750 14000	T	Linear and Circular	900KF2D	85.0	61.5
E50. Modulation and Services COMMAND CARRIER						

**FREQUENCY COORDINATION**

<b>E28. Antenna Id</b>	<b>E51. Satellite Orbit Type</b>	<b>E52/53. Frequency Limits (MHz)</b>	<b>E54/55. Range of Satellite Arc Eastern/Western Limit</b>	<b>E56. Earth Station Azimuth Angle Eastern Limit</b>	<b>E57. Antenna Elevation Angle Eastern Limit</b>	<b>E58. Earth Station Azimuth Angle Western Limit</b>	<b>E59. Antenna Elevation Angle Western Limit</b>	<b>E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)</b>
IPC-08C	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	-8.6

**REMOTE CONTROL POINT LOCATION**

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

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