

Exhibit A

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:	Hagerstown Teleport	E5. Call Sign:	E030071
E2. Contact Name	Mr. Eric Lund	E6. Phone Number:	2404208990
E3. Street:	17625 Technology Blvd	E7. City:	Hagerstown
E4. State	MD	E8. County:	Washington
E10. Area of Operation:		E9. Zip Code	21740
E11. Latitude:	39 ° 35 ' 57.9 " N	Hagerstown, MD	
E12. Longitude:	77 ° 45 ' 17.0 " W		
E13. Lat/Lon Coordinates are:	<input type="radio"/> NAD-27	<input checked="" type="radio"/> NAD-83	<input type="radio"/> N/A
E14. Site Elevation (AMSL):	163.06 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.	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> 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?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A
--	---

E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.	<input type="radio"/> Yes <input checked="" type="radio"/> No
--	---

E18. Is frequency coordination required? If YES, attach a frequency coordination report as	<input checked="" type="radio"/> Yes <input type="radio"/> No
--	---

E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as	<input type="radio"/> Yes <input checked="" type="radio"/> 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? <b>FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.</b>	<input type="radio"/> Yes <input checked="" type="radio"/> No
--	---

**POINTS OF COMMUNICATION**

Satellite Name:INTELSAT 29e (S2913) | INTELSAT 29E | 50.0 W.L. If you selected OTHER, please enter the following:

E21. Common Name:	E22. ITU Name:
-------------------	----------------

E23. Orbit Location: \_\_\_\_\_ E24. Country: \_\_\_\_\_

**POINTS OF COMMUNICATION (Destination Points)**

E25. Site Identifier: \_\_\_\_\_  
 E26. Common Name: \_\_\_\_\_ E27. Country: \_\_\_\_\_

**ANTENNA**

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size	E41/42. Antenna Gain Transmint and/or Recieve (____ dBi at ____ GHz)	
Hagerstown Teleport	1	1	Vertex	16.4 THC	16.4	59.0 dBi at 6.0	
Hagerstown Teleport	1	1	Vertex	16.4 THC	16.4	54.8 dBi at 4.00	

  

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)
1	16.4/16.4	16.4	179.46	0.0	251.2	0.0	83.0

**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)
1	6421 6426	T	Linear and Circular	1M20FXD	81.1	56.3
E50. Modulation and Services Command and Ranging						
1	5850 5853.5	T	Linear and Circular	1M20FXD	81.1	56.3
E50. Modulation and Services Command and Ranging						
1	5850 5853.5	T	Linear and Circular	850KFXD	79.6	56.3
E50. Modulation and Services Command and Ranging						

**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)
1	Geostationary	6421 6426	49.0/51.0	139.2	35.5	141.6	36.6	-9.41
	Geostationary	5850.0 5853.5	49.0/51.0	139.2	35.5	141.6	36.6	-9.41

**REMOTE CONTROL POINT LOCATION**

E61. Call Sign \_\_\_\_\_ E66. Phone Number \_\_\_\_\_  
 NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.

E62. Street Address			
E63. City	E68. County	E67/68. State/Country	E64. Zip Code

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to [PRA@fcc.gov](mailto:PRA@fcc.gov). PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember - You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.