

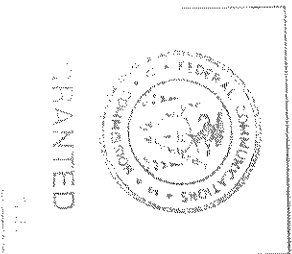
Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION: Enter a description of this application to identify it on the main menu:
STA Request for Earth Station E040125 to Provide LEOP Services for Galaxy 18 Satellite Launch

1. Applicant

Name:	Intelsat North America LLC	Phone Number:	202-944-7848
DBA Name:		Fax Number:	202-944-7870
Street:	c/o Intelsat Corporation 3400 International Drive, N.W.	E-Mail:	susan.crandall@intelsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Susan H Crandall		



File # SES-STA-20080331-00403

Call Sign E040125 Grant Date 4/24/08
(or other identifier)

Term Dates
From 5/13/08 To: 6/11/08

Approved by Jeanette D. Spriggs

2. Contact

Name: Intelsat North America LLC **Phone Number:** 202-944-7848
Company: **Fax Number:** 202-944-7870
Street: c/o Intelsat Corporation **E-Mail:** susan.crandall@intelsat.com
 3400 International Drive, N.W.
City: Washington **State:** DC
Country: USA **Zipcode:** 20008 -3006
Attention: Susan H Crandall **Relationship:** Legal Counsel

(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)

3. Reference File Number or Submission ID

4a. Is a fee submitted with this application?

- If Yes, complete and attach FCC Form 159. IF No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).
- Governmental Entity Noncommercial educational licensee
- Other (please explain):

4b. Fee Classification CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant Change Station Location Other

6. Requested Use Prior Date

7. City/Nuevo

8. Latitude
(dd mm ss.s h) 33 47 43.6 N

9. State CA	10. Longitude (dd mm ss.s h) 117 5 20.4 W
11. Please supply any need attachments.	
Attachment 1: STA Request	Attachment 2: Exhibit A
Attachment 3:	
12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)	
<p>Intelsat North America LLC herein requests a grant of STA for 30 days, from 05/13/2008 through 06/11/2008, to use its Riverside, California earth station, E040125, to provide LEOP services for the Galaxy 18 satellite that is expected to be launched on 05/13/2008.</p>	
<p>13. 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 "conviction"; for these purposes.</p> <p style="text-align: right;"> <input checked="" type="radio"/> Yes <input type="radio"/> No </p>	
14. Name of Person Signing Susan H. Crandall	15. Title of Person Signing Asst. Gen. Counsel, Intelsat Corporation
<p style="text-align: center;">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).</p>	

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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.

March 31, 2008

Ms. Marlene H. Dortch

Secretary

Federal Communications Commission

445 12th Street, S.W.

Washington, D.C. 20554

Re: Request for Special Temporary Authority
Riverside, California Earth Station E040125

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA")¹ for 30 days, from May 13, 2008 through June 11, 2008, to use its Riverside, California earth station -- call sign E040125 -- to provide launch and early orbit phase ("LEOP") services for the Galaxy 18 satellite that is expected to be launched on May 13, 2008.² The LEOP period is expected to last approximately ten days.³

The Galaxy 18 LEOP operations will be performed in the following frequency bands:

- 5926.5 MHz and 6424.5 MHz in the uplink;
- 4197.125 MHz and 4198.875 MHz in the downlink.

The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.⁴ All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

¹ Intelsat has filed its STA request, an FCC Form 159, a \$170.00 filing fee and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

² The permanent orbital location for Galaxy 18 is 123.0° W.L. See Policy

Branch Information; Actions Taken, Report No. SAT-00477, File No. SAT-

RPL-20070222-00035 (Oct. 26, 2007) (Public Notice).

³ Intelsat is seeking authority through June 11, 2008 to accommodate a possible

launch delay.

⁴ SS/L Loral, which is managing the Galaxy 18 launch mission, is conducting

the coordination.

Ms. Marlene H. Dortch
March 31, 2008
Page 2

The 24x7 contact information for the Galaxy 18 LBOP mission is as follows:

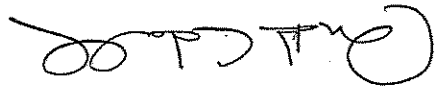
East Coast Satellite Operations Center
Attn: Harry Burnham or Mike Munton
Ph: (202) 944-7701

During the LBOP of the Galaxy 18 satellite, the earth station will operate in accordance with parameters previously coordinated with the Fixed Service, as reflected in the current license for this antenna.⁵ Intelsat is seeking the instant STA because the operational parameters, provided as Exhibit A of this application, will exceed the power level limit set forth in Section 25.212(d) of the Commission's rules.

Grant of this STA request will allow Intelsat to help launch the Galaxy 18 satellite to the 123.0° W.L. location. This, in turn, will help ensure continuity of services at that location.

Please direct any questions regarding this STA request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

Cc: Scott Kotler

See File number SBS-MOD-20070427-0052.

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SATELLITE SPACE AND EARTH STATION AUTHORIZATIONS
Technical and Operational Description
(Place an "x" in one of the blocks below)

- License of New Station Registration of new Domestic Receive-Only Station Amendment to a Pending Application Modification of License/Registration Notification of Minor Modification

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.

B1a. Station Call Sign E040125	B1b. Site Identifier (HUB, REMOTE1, etc.)	B1c. Telephone Number (202) 944 - 7523	B1j. Geographic Coordinates N/S, Deg. - Mm. - Sec. - E/W	B1k. Lat/Lon. Coordinates are: <input type="checkbox"/> NAD-27 <input checked="" type="checkbox"/> NAD-83
B1d. Mailing Street Address of Station or Area of Operation 22401 Juniper Flats Road	B1e. Name of Contact Person Angela Malmo		Lat. <u>33° 47'</u> <u>43.6"</u> N Lon. <u>117° 05'</u> <u>20.4"</u> W	
B1f. City Nuevo	B1g. County Riverside	B1h. State CA	B1i. Zip Code 92567	B1l. Site Elevation (AMSL) 566.62 meters

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
Galaxy-18 LEOP		

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

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.

(a) Site ID*	(b) Antenna ID**	(c) Quantity	(d) Manufacturer	(e) Model	(f) Antenna Size (meters)	(g) Antenna Gain (Transmit and/or Receive) (dBi at GHz)
		1	Vertex Comm.	11 KPC	11.0	51.8 dBi at 3.95 GHz 55.5 dBi at 6.175 GHz

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

(a) Antenna ID**	(b) Antenna Structure Registration No.	Maximum Antenna Height		(e) Building Height Above Ground Level (meters)***	(f) Maximum Antenna Height Above Rooftop (meters)***	(g) Total Input Power at antenna flange (Watts)	(h) Total EIRP for all carriers (dBW)
		(c) Above Ground Level (meters)	(d) Above Mean Sea Level (meters)				
		12.0	578.6			820	84.64

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.

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.): _____

B8. 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. YES NO

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 Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurement? YES NO

B10. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point. YES NO

Remote Control Point Location:

B10a. Street Address			
B10b. City	B10c. County	B10d. State/Country	B10e. Zip Code
B10f. Telephone Number		B10g. Call Sign of Control Station (If appropriate)	

B11. Is frequency coordination required? If YES, attach a frequency coordination report as an exhibit. YES NO

B12. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as an exhibit. YES NO

B13. FAA Notification - (See 47 CFT Part 17 and 47 CFT 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 CFT PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION YES NO