

E040125 SES-STA-20091007-01298 IB2009005244  
Intelsat North America LLC

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:  
Intelsat 14 LEOP STA Using Earth Station E040125

1. Applicant

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

*With Conditions*



File # SES-STA-20091007-01298

Call Sign E040125 Grant Date 10/16/09  
(or other identifier)

Term Dates  
From Launch To: +30 days

Approved: Kathryn Malley

*Chief, Satellite Engg Br.*

Attachment

Conditions:

- A) Intelsat shall notify the Commission in writing within 48 hours of commencing operation under this authorization.
- B) All operations are on a non-protected, non-interference basis.
- C) Intelsat shall coordinate its operations with neighboring satellites with  $\pm 6$  degrees of its orbital location.
- D) Intelsat shall immediately cease operations if interference is reported.

*With conditions*



File # SES-STA-20091007-01298

Call Sign E040125 Grant Date 10/16/09  
(or other identifier)

From Launch To: +30 days  
Term Dates

Approved: *Anthony Madala*  
*Chief, Satellite Branch*

**2. Contact**

<b>Name:</b>	Intelsat North America LLC	<b>Phone Number:</b>	202-944-7848
<b>Company:</b>		<b>Fax Number:</b>	202-944-7870
<b>Street:</b>	c/o Intelsat Corporation 3400 International Drive, N.W.	<b>E-Mail:</b>	susan.crandall@intelsat.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20008 -3006
<b>Attention:</b>	Susan H. Crandall	<b>Relationship:</b>	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: Exhibit B	
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.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">Intelsat North America LLC herein requests a grant of Special Temporary Authority for 30 days, from November 14, 2009 through December 13, 2009, to use its Riverside, California C-band earth station, call sign E040125, to provide LEOP services for the Intelsat 14 satellite that is expected to be launched on November 14, 2009. The LEOP period is</div>	
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 "party to the application" for these purposes. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing Susan H. Crandall	15. Title of Person Signing Asst. Gen. 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).	

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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.**

## **12. Description**

Intelsat North America LLC herein requests a grant of Special Temporary Authority for 30 days, from November 14, 2009 through December 13, 2009, to use its Riverside, California C-band earth station, call sign E040125, to provide LEOP services for the Intelsat 14 satellite that is expected to be launched on November 14, 2009. The LEOP period is expected to last approximately 10 days.

October 7, 2009

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> 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")<sup>1</sup> for 30 days, from November 14, 2009 through December 13, 2009, to use its Riverside, California C-band earth station -- call sign E040125 -- to provide launch and early orbit phase ("LEOP") services for the Intelsat 14 satellite that is expected to be launched on November 14, 2009.<sup>2</sup> The LEOP period is expected to last approximately 10 days.<sup>3</sup>

The Intelsat 14 LEOP operations will be performed in the following frequency bands:

- 5927.0 MHz and 5932.0 MHz in the uplink, and
- 3709.0 MHz and 3710.0 MHz primary in the downlink
- 3704.0 MHz and 3705.0 MHz alternate 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. 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.

The 24x7 contact information for the Intelsat 14 LEOP mission is as follows:

Robert Main and Denny Jungman  
Ph.: (202) 944-7701

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$175.00 filing fee and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

<sup>2</sup> The satellite's final orbital location will be 45.0° W.L. See *Policy Branch Information, Actions Taken*, Report No. SAT-00637, File No. SAT-RPL-20090123-00007 (Oct. 2, 2009) (Public Notice).

<sup>3</sup> Intelsat is seeking authority through December 13, 2009 to accommodate a possible launch delay.

Ms. Marlene H. Dortch

October 7, 2009

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In further support of this request, Intelsat is attaching Exhibits A and B, which contain technical information concerning the Intelsat 14 LEOP operations. Intelsat also notes that for purposes of the Intelsat 14 LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 26.5 dBW. The technical information submitted with the STA request reflects a higher power level of 29.1 dBW, because that is the level at which Intelsat might operate in the event an emergency necessitates the use of a higher power level in order to command the satellite.

Grant of this STA request will allow Intelsat to help launch the Intelsat 14 satellite to the 45.0° W.L. location. This, in turn, will help ensure continuity of service to customers at that location, thereby promoting the public interest.

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: Kathryn Medley