

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for STA to Operate a New 2.4m Antenna at Intelsat's Riverside Teleport

**1. Applicant**

<b>Name:</b>	Intelsat 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 Condition*



File # SES-STA-20091023-01352

Call Sign \_\_\_\_\_ Grant Date 11/13/09  
(or other identifier)

From 11/13/09 Term Dates To: 1/1/2010

Approved: *Jeanette K. Spriggs*

Attachment

SES-STA-20091023-01352

Condition:

All operations shall be on an unprotected and non-harmful interference basis, i.e., Intelsat LLC. shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.


*With Condition*

File # SES-STA-20091023-01352

Call Sign \_\_\_\_\_ Grant Date 11/13/09  
(or other identifier)

From 11/13/09 Term Dates To: 11/11/2010

Approved: *Deonette D. Springs*



**GRANTED**  
International Bureau

<b>2. Contact</b>	
<b>Name:</b> Intelsat 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?	
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114). <input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee <input type="radio"/> Other (please explain):	
4b. Fee Classification    CGX – Fixed Satellite Transmit/Receive Earth Station	
5. Type Request	
<input checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other	
6. Requested Use Prior Date	
7. CityNuevo	8. Latitude (dd mm ss.s h)    33    47    46.1    N

9. State CA	10. Longitude (dd mm ss.s h) 117 5 15.1 W
11. Please supply any need attachments. Attachment 1: STA Request                      Attachment 2: Exhibits A – D                      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.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">Intelsat LLC herein requests a grant of Special Temporary Authority for 60 days, starting immediately upon grant, to utilize its new Riverside, California 2.4 m C-band earth station prior to grant of permanent operating authority. The antenna will communicate in the frequency bands 6262-6423 MHz, uplink, and 3700-4200 MHz, downlink, with Intelsat 701</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. General 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 LLC herein requests a grant of Special Temporary Authority for 60 days, starting immediately upon grant, to utilize its new Riverside, California 2.4 m C-band earth station prior to grant of permanent operating authority. The antenna will communicate in the frequency bands 6262-6423 MHz, uplink, and 3700-4200 MHz, downlink, with Intelsat 701 at 180 E.L. Intelsat will very shortly file an application for authority to use this antenna to transmit in these frequencies on a permanent basis.

October 23, 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 2.4 m C-band Earth Station

Dear Ms. Dortch:

Intelsat LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA")<sup>1</sup> for 60 days, starting immediately upon grant, to utilize its new Riverside, California 2.4 m C-band earth station prior to grant of permanent operating authority. The antenna will communicate in the frequency bands 6262-6423 MHz (uplink) and 3700-4200 MHz (downlink) with Intelsat 701 at 180° E.L. Intelsat will very shortly file an application for authority to use this antenna to transmit in these frequencies on a permanent basis.<sup>2</sup>

This antenna is part of a global maritime VSAT network. Intelsat plans to use this antenna to act as a "dummy" ship to provide calibration and testing for the network. This testing will provide feedback on network performance. Intelsat seeks expeditious treatment of this STA request because the calibration information is critical to the operation of the network, and there are network customers that wish to operate immediately in the Pacific Ocean region served by Intelsat 701.

In support of this request, Intelsat is attaching detailed technical information (in Exhibits A-D) that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating facility. In the extremely unlikely event that harmful interference should occur, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this STA request will enable Intelsat to ensure the proper operation of the global maritime VSAT network in the Pacific Ocean region. This serves

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

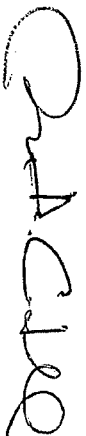
<sup>2</sup> This STA request is being filed concurrently with another request for an identical antenna located less than one second away.

Ms. Marlene H. Dortch  
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the public interest by expanding the geographic area in which network customers can receive service.

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

Respectfully submitted,

A handwritten signature in black ink, appearing to read "S. Crandall". The signature is written in a cursive style with a large initial "S" and a stylized "C".

Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

Cc: Kathryn Medley