

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for Special Temporary Authority to Conduct TT&C, Call Sign E990323

**1. Applicant**

<b>Name:</b>	Intelsat License 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		

SES-STA-20120820-00765  
E990323  
Call Sign (or other identifier)  
9-3-12  
Term Dates: 8-29-12  
From: 10-2-12  
Appr: Paul E. Allen  
with conditions

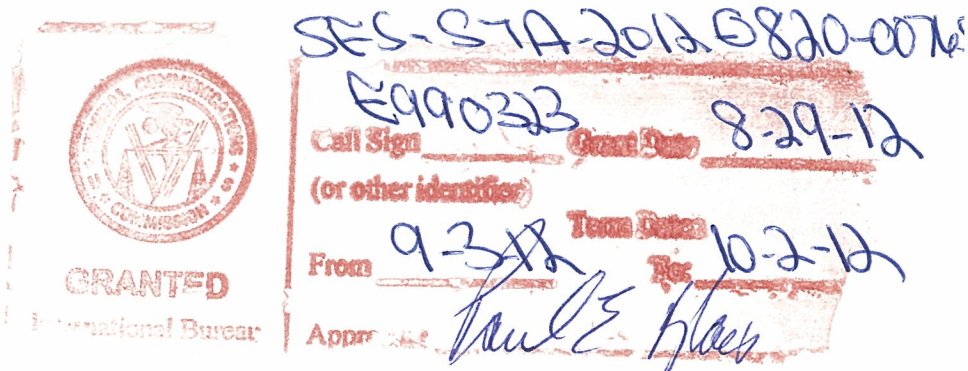


GRANTED

Applicant: Intelsat License LLC  
Call Sign: E990323  
File No.: SES-STA-20120820-00765  
Special Temporary Authority (STA)

Intelsat License LLC is authorized, to operate its Castle Rock, CO, earth station, call sign E990323, from September 3, 2012, to October 2, 2012 to conduct Telemetry, Tracking, and Telecommand (TT&C) operations with the DIRECTV-1R satellite, Call Sign S2369, satellite during its drift from the 109.8° W.L. orbital location to its new location at 56.16 ° E.L (303.84° W.L.). Intelsat License LLC is authorized to use 17,305 MHz and 17,799 MHz (Earth-to-space) and 12,698.25 MHz and 12,699.25 MHz (space-to-Earth) frequencies for Telemetry, Tracking, and Telecommand (TT&C) operations. This authorization shall be in accordance with the technical specifications set forth in IBFS File No. SES-STA-20120820-00765 and is subject to the following conditions:

1. All operations shall be on an unprotected and non-harmful interference basis, *i.e.*, Intelsat License LLC shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radiocommunication station.
2. Intelsat License LLC will coordinate with potentially affected satellite operators and will provide TT&C services on a non-interference basis.
3. In the event of any harmful interference, Intelsat License LLC shall cease operations immediately upon notification of such interference, and shall immediately inform the Commission, in writing, of such an event.
4. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License LLC's own risk.
5. This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately. Petitions for reconsideration under Section 1.106 or applications for review under Section 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the date of the public notice indicating that this action was taken.



<b>2. Contact</b>	
<b>Name:</b> Susan H. Crandall	<b>Phone Number:</b> 202-944-7848
<b>Company:</b> Intelsat Corporation	<b>Fax Number:</b> 202-944-7870
<b>Street:</b> 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 type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other	
6. Requested Use Prior Date	
7. City Castle Rock	
8. Latitude (dd mm ss.s h)    39 16 35.0 N	

9. State	CO
10. Longitude (dd mm ss.h)	104 48 23.9 W
11. Please supply any need attachments.	
Attachment 1: STA Request	Attachment 2:
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;"> <p>Intelsat License LLC herein requests Special Temporary Authority for 30 days commencing September 3, 2012 to use its Castle Rock, Colorado earth station, call sign E990323, to provide telemetry, tracking and control services to the DIRECTV 1R satellite as it drifts from 109.8 W.L. to 56.16 E.L. Earth station E990323 will communicate with DIRECTV 1R until</p> </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 Assistant 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.**

## 12. Description

Intelsat License LLC herein requests Special Temporary Authority for 30 days commencing September 3, 2012 to use its Castle Rock, Colorado earth station, call sign E990323, to provide telemetry, tracking and control services to the DIRECTV 1R satellite as it drifts from 109.8 W.L. to 56.16 E. L. Earth station E990323 will communicate with DIRECTV 1R until it loses visibility of the satellite at 88.0 W.L., whereupon the TT&C services will switch to another Intelsat earth station.

August 20, 2012

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 to Conduct Telemetry,  
Tracking and Control Operations Using Earth Station E990323

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests Special Temporary Authority (“STA”)<sup>1</sup> for 30 days commencing September 3, 2012 to use its Castle Rock, Colorado earth station – call sign E990323 – to provide telemetry, tracking and control (“TT&C”) services to the DIRECTV 1R satellite (call sign S2369) as it drifts from 109.8° W.L. to 56.16° E.L.<sup>2</sup> Earth station E990323 will communicate with DIRECTV 1R until it loses visibility of the satellite at 88.0° W.L., whereupon the TT&C services will switch to another Intelsat earth station.<sup>3</sup>

The DIRECTV 1R TT&C operations will be performed in the following frequency bands:

Uplink: 17305 and 17799 MHz

Downlink: 12699.25 and 12698.25 MHz

The emission designator for both the uplink (command) carriers is 800KF2D and the transmitted EIRP will be 85.3 dBW.

Grant of this STA request will serve the public interest because the redeployment of the DIRECTV 1R satellite to 56.16° E.L. will ensure

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$180.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

<sup>2</sup> DirecTV has filed applications to redeploy the satellite. See *DIRECTV Enterprises, LLC Application for Authorization to Operate DIRECT 1R, a Direct Broadcast Satellite*, File No. SAT-LOA-20120817-00137 (filed Aug. 17, 2012) and *DIRECTV Enterprises, LLC Request for Special Temporary Authority*, File No. SAT-STA-20120817-00138 (filed Aug. 17, 2012).

<sup>3</sup> Intelsat is concurrently filing an STA request for its earth station KA258 to continue tracking the satellite to its final location.

Ms. Marlene H. Dortch  
August 20, 2012  
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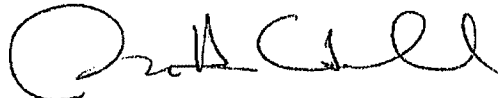
continuity of service at that location. The satellite currently located at 56.0° E.L. -- Bonum 1 -- is expected shortly to experience significant service degradation. Services currently on Bonum 1 will be transferred to DIRECTV 1R upon the latter's arrival at 56.16° E.L. The entire drift is expected to take between four and five months.

Moreover, grant of this STA extension request will not result in increased risk of harmful interference to any other system. Intelsat's earth station is already authorized to provide TT&C services to DIRECTV 1R using the frequencies listed above.<sup>4</sup> Intelsat will continue to operate the TT&C transmissions within the coordinated parameters in the earth station's license.

In addition, DIRECTV has stated that it will coordinate the satellite's drift with potentially affected satellite operators. As such, co-frequency operations of other satellite operators will not be affected.

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

Respectfully submitted,



Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Paul Blais

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<sup>4</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01474, File No. SES-STA-20120730-00703 (Aug. 8, 2012) (Public Notice); *Satellite Communications Services Information; Actions Taken*, Report No. SES-01458, File No. SES-STA-20120605-00496 (June 13, 2012) (Public Notice); *Satellite Communications Services Information; Actions Taken*, Report No. SES-01442, File No. SES-STA-20120403-00329 (Apr. 18, 2012) (Public Notice); *Satellite Communications Services Information; Actions Taken*, Report No. SES-01425, File No. SES-STA-20120202-00135 (Feb. 15, 2012) (Public Notice); *Satellite Communications Services Information; Actions Taken*, Report No. SES-01414, File No. SES-STA-20111229-01510 (Jan. 11, 2012) (Public Notice).