

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

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

1. Applicant


**Name:** Intelsat License LLC **Phone Number:** 202-944-7848  
**DBA Name:** **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

SES-STA-20120904-00795  
E990323  
Call Sign (or other identifier)  
Term Dates  
From 9-8-12 To 10-8-12  
Appr Paul E. Allen  
With conditions

Applicant: Intelsat License LLC  
Call Sign: E990323  
File No.: SES-STA-20120904-00795  
Special Temporary Authority (STA)

Intelsat License LLC is granted a 30-day extension of the STA that was granted under file number SES-STA-20120730-00703 with the same operating conditions included in the previously granted STA under file number SES-STA-20120202-00135.

SES-STA-20120904-00795

	E990323
Call Sign	Grant Date 9-6-12
(or other identifier)	Term Dates
From 9-8-12	To 10-8-12
Approved	Paul E. Allen

GRANTED  
International Bureau

<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.s 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.) Intelsat License LLC herein requests a 30-day extension, through October 7, 2012, of the Special Temporary Authority previously granted Intelsat to use its Castle Rock, Colorado earth station, call sign E990323, to provide telemetry, tracking and control operations with the DIRECTV 1R satellite (call sign S2369) at 109.8 W.L.	
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. Yes <input checked="" type="radio"/> No <input type="radio"/>	
14. Name of Person Signing Susan H. Crandall	15. Title of Person Signing Assistant 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.**

September 4, 2012

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, D.C. 20554



Re: Request for Further Extension of Special Temporary Authority to  
Conduct Telemetry, Tracking and Control Operations Using  
Earth Station E990323

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests a 30-day extension – through October 7, 2012 – of the Special Temporary Authority ("STA")<sup>1</sup> previously granted Intelsat to use its Castle Rock, Colorado earth station – call sign E990323 – to provide telemetry, tracking and control ("TT&C") operations with the DIRECTV 1R satellite (call sign S2369) at 109.8° W.L.<sup>2</sup>

The DIRECTV 1R TT&C operations will continue to 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.

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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> 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). The satellite currently is located at 109.8° W.L.

Ms. Marlene H. Dortch  
September 4, 2012  
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Grant of this STA further extension will serve the public interest because it will continue to allow for the safe station-keeping of the DIRECTV 1R satellite at 109.8° W.L.<sup>3</sup> Moreover, grant of this STA further extension request will not result in increased risk of harmful interference to any other system. As noted in the original STA request, Intelsat's earth station is already authorized to provide TT&C services to DIRECTV 1R using the frequencies listed above. 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 with potentially affected satellite operators.<sup>4</sup> As such, co-frequency operations of other satellite operators will not be affected.

Please direct any questions regarding this STA further 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>3</sup> It is Intelsat's understanding that DIRECTV 1R likely is to be relocated in the near term.

<sup>4</sup> See *Policy Branch Information; Actions Taken*, Report No. SES-00836, File No. SAT-STA-20111206-00235 (Public Notice) (Jan. 13, 2012).