

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for Extension of 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-20120202-00135  
E990323  
Call Sign (or other identifier)  
From 2-9-12  
Term Dates 2-9-12  
Approved  
Michael E. Blay

Intelsat License LLC  
E990323  
SES-STA-20120202-00135  
Special Temporary Authority (STA)

Intelsat License LLC is hereby granted 60-day extension of the previous STA file SES-STA-20111229-01510 from February 9, 2012 through April 9, 2012 is subject to the following conditions:

1. All operations during the drift shall be on an unprotected and non-harmful interference basis, *i.e.*, applicants shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radiocommunication station.

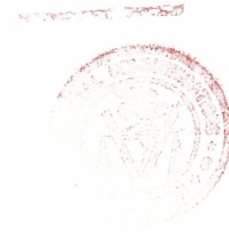
2. In the event of any harmful interference during DIRECTV's drift of the DIRECTV 1R space station to the 109.8° W.L. orbital location, applicants shall cease operations immediately upon notification of such interference, and shall immediately inform the Commission, in writing, of such an event.

3. During the drift to the 109.8° W.L. orbital location, applicants may not operate the payload on the DIRECTV 1R space station.

4. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at the applicant's own risk.

5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding DIRECTV's pending application seeking a license to maintain the DIRECTV 1R space station at the 109.8° W.L. orbital location as an in-orbit spare (IBFS File No. SAT-LOA-20111205-00233).

6. 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.



SES-STA-20120202-00135  
E990323  
Call Sign E990323 Grant Date 2-9-12  
(or other identifier) Term Dates 2-9-12 to 4-9-12  
From 2-9-12 To 4-9-12  
Approved: Paul E. Baker

**2. Contact**

**Name:** Susan H. Crandall      **Phone Number:** 202-944-7848  
**Company:** Intelsat Corporation      **Fax Number:** 202-944-7870  
**Street:** 3400 International Drive, N.W.      **E-Mail:** susan.crandall@intelsat.com  
  
**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 SESMOD2012011100042 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/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.) <div style="border: 1px solid black; padding: 5px;"> <p>Intelsat License LLC herein requests a 60-day extension, through April 8, 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) during its drift from the 72.5 W.L.</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.                      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).	

**FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT**

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to [PRA@fcc.gov](mailto:PRA@fcc.gov). PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

**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 a 60-day extension, through April 8, 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) during its drift from the 72.5 W.L. orbital location to 109.8 W.L. In addition, Intelsat is requesting authority to provide TT&C services to the DIRECTV 1R once the satellite is on-station at 109.8 W.L.

February 2, 2012

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



Re: Request for 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 60-day extension – through April 8, 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) during its drift from the 72.5° W.L. orbital location to 109.8° W.L.<sup>2</sup> In addition, Intelsat is requesting authority to provide TT&C services to the DIRECTV 1R once the satellite is on-station at 109.8° W.L.<sup>3</sup> Intelsat has a pending application for permanent authority to utilize earth station E990323 to provide TT&C services to DIRECTV 1R at 109.8° W.L.<sup>4</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) is 800KF2D and the transmitted EIRP will be 85.3 dBW.

---

<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-01414, File No. SES-STA-20111229-01510 (Jan. 11, 2012) (Public Notice).

<sup>3</sup> The satellite is expected to be on-station on or about March 15, 2012.

<sup>4</sup> *Satellite Communications Services; Satellite Radio Applications Accepted for Filing*, Report No. SES-01419, File No. SES-MOD-20120111-00042 (Jan. 25, 2012) (Public Notice).

Ms. Marlene H. Dortch  
February 2, 2012  
Page 2

Grant of this STA extension will serve the public interest because it will continue to allow the drift of the DIRECTV 1R satellite and will allow its safe station-keeping once on-station. In addition, grant will allow the Commission additional time in which to consider Intelsat's pending application for permanent authority for this earth station.

Moreover, grant of this STA 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 using the frequencies needed for the drift of DIRECTV 1R. 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>5</sup> 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

---

<sup>5</sup> See *Policy Branch Information; Actions Taken*, Report No. SES-00836, File No. SAT-STA-20111206-00235(Public Notice) (Jan. 13, 2012).