

S2915 SAT-STA-20150921-00065 IB2015001720  
Intelsat License LLC  
IS34



\*with conditions

File # SAT-STA-20150921-00065  
Call Sign S2915 Grant Date 09/30/15  
(or other identifier)  
Term Dates period of  
From 09/27/15 To: 30 days  
Approved: Stephan J. Duall

Approved by OMB  
3060-0678

Date & Time Filed: Sep 21 2015 5:11:25:326PM  
File Number: SAT-STA-20150921-00065  
Callsign:

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY  
FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:  
30-Day STA Extension for Intelsat 34 Satellite, Call Sign S2915


1. Applicant

<b>Name:</b>	Intelsat License LLC	<b>Phone Number:</b>	703-559-7848
<b>DBA Name:</b>		<b>Fax Number:</b>	703-559-8539
<b>Street:</b>	c/o Intelsat Corporation 7900 Tysons One Place	<b>E-Mail:</b>	susan.crandall@intelsat.com
<b>City:</b>	McLean	<b>State:</b>	VA
<b>Country:</b>	USA	<b>Zipcode:</b>	22102 -5972
<b>Attention:</b>	Susan H. Crandall		

**Attachment to Grant  
Intelsat License LLC  
IBFS File No. SAT-STA-201500921-00065  
Call Sign S2915**

The application of Intelsat License LLC (Intelsat) for special temporary authority, IBFS File No. SAT-STA-20150921-00065, is GRANTED. Accordingly, Intelsat is authorized for a period of 30 days, commencing September 27, 2015, to conduct telemetry, tracking, and control (TT&C) operations for the Intelsat 34 space station (Call Sign S2915) necessary to drift the Intelsat 34 space station from the 51.5° W.L. orbital location to the 55.5° W.L. orbital location using the following center frequencies: 3949 MHz, 3949.5 MHz, 3950.5 MHz, and 3951 MHz (space-to-Earth); and 6173.7 MHz and 6176.3 MHz (Earth-to-space). Operations under this authorization must be in accordance with the terms, conditions, and technical specifications set forth in Intelsat's application<sup>1</sup> and the Federal Communications Commission's rules not waived herein, and are subject to the following conditions:

1. All operations under this grant of special temporary authority must be on an unprotected and non-harmful interference basis, *i.e.*, Intelsat must not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating station.
2. In the event of any harmful interference under this grant of special temporary authority, Intelsat must cease operations immediately upon notification of such interference and must inform the Commission, in writing, immediately of such an event.
3. Intelsat must coordinate the operations of Intelsat 34 with existing geostationary space stations to ensure that no unacceptable interference results during drift from the 51.5° W.L. orbital location to the 55.5° W.L. orbital location.
4. Intelsat must operate only the TT&C frequencies on Intelsat 34 during the space station's drift from the 51.5° W.L. orbital location to the 55.5° W.L. orbital location.
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.

 <b>GRANTED*</b> International Bureau *with conditions	<b>File #</b> <u>SAT-STA-20150921-00065</u>
	<b>Call Sign</b> <u>S2915</u> <b>Grant Date</b> <u>09/30/15</u> (or other identifier)
	<b>Term Dates</b> period of <b>From</b> <u>09/27/15</u> <b>To:</b> <u>30 days</u>
	<b>Approved:</b> <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch

<sup>1</sup> See Intelsat License LLC's Application for Authority to Launch and Operate Replacement Satellite Intelsat 34 at 55.5° W.L., IBFS File No. SAT-LOA-20140114-00005 (Grant stamp, Jan. 22, 2015).

2. Contact

<b>Name:</b>	Cynthia J. Grady	<b>Phone Number:</b>	703-559-6949
<b>Company:</b>	Intelsat Corporation	<b>Fax Number:</b>	703-559-8538
<b>Street:</b>	7900 Tysons One Place	<b>E-Mail:</b>	cynthia.grady@intelsat.com
<b>City:</b>	McLean	<b>State:</b>	VA
<b>Country:</b>	USA	<b>Zipcode:</b>	22102 -5972
<b>Attention:</b>		<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    CRY – Space Station (Geostationary)

5. Type Request

- Change Station Location                       Extend Expiration Date                       Other

6. Temporary Orbit Location

7. Requested Extended Expiration Date  
2015-10-26 00:00:00.0

8. 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 an additional 30 days, from September 27, 2015 through October 26, 2015, of the Special Temporary Authority previously granted Intelsat to conduct in-orbit testing of the Intelsat 34 satellite (Call Sign S2915) at 51.5 W.L. in the bands 3700 - 4200 MHz, 5925 - 6425 MHz, 11450 - 11700 MHz, 11700 - 12200 MHz, and

9. 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  No

10. Name of Person Signing  
Cynthia J. Grady

11. Title of Person Signing  
Regulatory Counsel, Intelsat Corporation

12. Please supply any need attachments.

Attachment 1: STA Request

Attachment 2:

Attachment 3:

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.**

## **8. Description**

Intelsat License LLC herein requests an additional 30 days, from September 27, 2015 through October 26, 2015, of the Special Temporary Authority previously granted Intelsat to conduct in-orbit testing of the Intelsat 34 satellite (Call Sign S2915) at 51.5 W.L. in the bands 3700 - 4200 MHz, 5925 - 6425 MHz, 11450 - 11700 MHz, 11700 - 12200 MHz, and 14000 - 14500 MHz; and to drift the satellite to its permanent location of 55.5

September 21, 2015

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 In-Orbit Testing of the  
Intelsat 34 Satellite; Call Sign S2915

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days—from September 27, 2015 through October 26, 2015—of the Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to conduct in-orbit testing (“IOT”) of the Intelsat 34 satellite (Call Sign S2915) at 51.5° W.L. in the bands 3700 – 4200 MHz, 5925 – 6425 MHz, 11450 – 11700 MHz, 11700 – 12200 MHz, and 14000 – 14500 MHz; and to drift the satellite to its permanent location of 55.5° W.L.<sup>2</sup> Intelsat is only seeking to extend the drift portion of the previously granted STA, as Intelsat 34 was successfully launched on August 20, 2015 and completed IOT on September 17, 2015.<sup>3</sup> In support of its extension request, Intelsat submits the following information.

During the drift of the Intelsat 34 satellite from 51.5° W.L. to 55.5° W.L., Intelsat will utilize only the satellite’s telemetry, tracking, and control (“TT&C”) frequencies and will follow industry practices for coordinating TT&C transmission during the relocation process. The specific TT&C frequencies are: 3949 MHz, 3949.5 MHz, 3950.5 MHz, 3951 MHz (space-to-Earth); and 6173.7 MHz and 6176.3 MHz (Earth-to-space).

Grant of this STA extension request will not result in increased risk of harmful interference. As noted above, Intelsat will operate only the above listed TT&C frequencies during the drift, and will coordinate its TT&C transmissions with operators of satellites in the drift path. Should any interference occur during the drift, Intelsat will take all reasonable steps to eliminate such interference.

The drift of Intelsat 34 to its final location is one of the final steps in ensuring that the satellite will be fully operational at 55.5° W.L. This, in turn, will ensure continuity of service to customers at the 55.5° W.L. location and thereby promotes the public interest.

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<sup>1</sup> Intelsat has filed this STA request, an FCC Form 159, and a \$930.00 filing fee electronically via the International Bureau's Filing System.

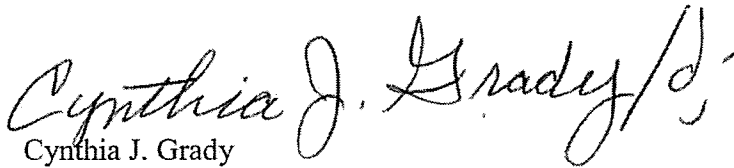
<sup>2</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-01100, File No. SAT-STA-20150701-00040 (July 31, 2015) (Public Notice).

<sup>3</sup> Intelsat will file a notice regarding completion of Intelsat 34’s IOT within the time specified in 47 C.F.R. § 25.173.

Ms. Marlene H. Dortch  
September 21, 2015  
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For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this extension request.

Sincerely,

A handwritten signature in cursive script that reads "Cynthia J. Grady". The signature is written in black ink and is positioned above the typed name and title.

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Stephen Duall  
Jay Whaley  
Cindy Spiers