

S2380 SAT-STA-20180509-00041 IB2018001378  
Intelsat License LLC  
Intelsat 9



File # SAT-STA-20180509-00041  
Call Sign S2380 Grant Date 05/17/18  
(or other identifier)  
Term Dates period of  
From 05/20/18 To: 60 days  
Approved: Stephen J. Duall  
Stephen J. Duall  
Chief, Satellite Policy Branch

Approved by OMB  
3060-0678

Date & Time Filed: May 9 2018 3:20:42:873PM  
File Number: SAT-STA-20180509-00041  
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:  
Request for Special Temporary Authority to Drift Intelsat 9 to 66.15 E.L., Call Sign

I. 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-20180509-00041**

<b>IBFS File No(s):</b>	SAT-STA-20180509-00041		<p><b>G R A N T E D – With Conditions</b></p>  <p><b>International Bureau Satellite Division</b></p>
<b>Licensee/Grantee:</b>	Intelsat License LLC		
<b>Call Sign:</b>	S2380		
<b>Satellite Name:</b>	Intelsat 9		
<b>Orbital Location: (required station-keeping tolerance)</b>	66.15° E.L. (+/- 0.05 degrees east/west station keeping)		
<b>Administration:</b>	United States of America		
<b>Nature of Service:</b>	Telemetry, Tracking, and Command (TT&C)		
<b>Scope of Grant:</b>	Special temporary authority for a period of 60 days to conduct TT&C operations necessary to drift Intelsat 9 from the 29.5° W.L. orbital location to the 66.15° E.L. orbital location.		
<b>Service Area(s):</b>	N/A		
<b>Frequencies:</b>	Telemetry, Tracking & Command center frequencies: 11.7005 GHz; 11.7020 GHz (space-to-Earth) 14.0005 GHz; 14.4945 GHz (Earth-to-space)		
<p><b>Unless otherwise specified herein, operations under this grant must comport with the legal and technical specifications set forth by the applicant or petitioner and with Federal Communication Commission's rules not waived herein. This grant is also subject to the following conditions:</b></p> <ol style="list-style-type: none"> <li>1. Operations pursuant to this special temporary authority must be on an unprotected and non-harmful interference basis, i.e., the Intelsat 9 space station must not cause harmful interference to, and must not claim protection from interference caused to it by, any other lawfully operating station. In the event of any harmful interference, Intelsat must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.</li> <li>2. Intelsat must coordinate the operations of Intelsat 9 with existing geostationary space stations to ensure that no unacceptable interference results from its operations during drift to the 66.15° E.L. orbital location.</li> <li>3. Intelsat must operate only the TT&amp;C frequencies authorized for Intelsat 9 during the space station's drift to the 66.15° E.L. orbital location.</li> <li>4. Grant of this special temporary authority is without prejudice to Intelsat's pending application to modify the authorization for Intelsat 9 to relocate it to the 66.15° E.L. orbital location (SAT-MOD-20180305-00019).</li> <li>5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat's own risk.</li> </ol>			
<p>Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned. This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 CFR § 0.261, and is effective upon release.</p> <p>Station licenses are subject to the conditions specified in Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(h).</p>			
<b>Action Date:</b>	May 17, 2018		
<b>Term Dates</b>	<b>From:</b> May 20, 2018	<b>To:</b> period of 60 days	

**ATTACHMENT TO GRANT**  
Intelsat License LLC  
IBFS File No. SAT-STA-20180509-00041

**Approved:**



Stephen J. Duall  
Chief, Satellite Policy Branch

2. Contact

<b>Name:</b>	Cynthia J. Grady	<b>Phone Number:</b>	703-559-6949
<b>Company:</b>	Intelsat Corporation	<b>Fax Number:</b>	703-559-8539
<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 SATMOD2018030500019 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

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 60 days of expedited Special Temporary Authority, commencing May 20, 2018, to drift Intelsat 9 (Call Sign S2380) from 29.5 W.L. to 66.15 E. L.

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:

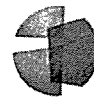
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT  
(U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION  
(U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

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**INTELSAT.**

*Envision. Connect. Transform.*

May 9, 2018

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 Drift Intelsat 9 to 66.15° E.L.  
Call Sign: S2380  
**EXPEDITED TREATMENT REQUESTED**

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests 60 days of expedited Special Temporary Authority (“STA”), commencing May 20, 2018, to drift Intelsat 9 (Call Sign S2380) from 29.5° W.L. to 66.15° E.L. The drift is expected to take approximately eight months. Intelsat has a pending permanent license application for this redeployment.<sup>1</sup>

The Intelsat 9 satellite’s permanent licensed location is 29.5° W.L.<sup>2</sup> Subject to receipt of Federal Communications Commission approval, the satellite will be relocated to 66.15° E.L.<sup>3</sup> Intelsat is seeking expedited treatment because the traffic transfer from Intelsat 9 to Intelsat 901 will be completed ahead of schedule, which allows for the acceleration of Intelsat 9’s redeployment. This will, in turn, allow Intelsat 9 to provide additional capacity at 66.15° E.L. at an earlier date than previously anticipated.

During the drift of the Intelsat 9 satellite from 29.5° W.L. to 66.15° E.L., Intelsat will only utilize 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 as follows: 14.0005 GHz and 14.4945 GHz in the uplink; and 11.7005 GHz and 11.7020 GHz in the downlink.

Grant of this STA 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

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<sup>1</sup> See *Intelsat License LLC*, Application to Modify Authorization for Intelsat 9 (Call Sign S2380), File No. SAT-MOD-20180305-00019 (filed Mar. 5, 2018).

<sup>2</sup> See *Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-01236, File No. SAT-MOD-20161110-00105 (May 5, 2017).

<sup>3</sup> Intelsat 17 is currently operating at 66.0° E.L. See *Policy Branch Information; Actions Taken*, Public Notice, Report No. SAT-00748, File No. SAT-LOA-20100726-00167 (Jan. 7, 2011). The Intelsat 9 and Intelsat 17 satellites will be collocated at the nominal 66.0° E.L. location.

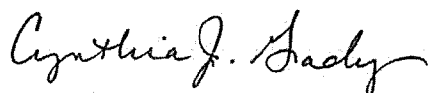
Ms. Marlene H. Dortch  
May 9, 2018  
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TT&C transmissions with operators of satellites in the drift path. Should any interference occur during the drift, Intelsat will take all reasonable steps to eliminate such interference.

Grant of this STA request is in the public interest because it will allow Intelsat to provide additional capacity from the 66.15° E.L. orbital location.

For the reasons set forth herein, Intelsat respectfully requests that the Commission expeditiously grant this STA request. Please direct any questions regarding this request to the undersigned at (703) 559-6949.

Sincerely,



Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Stephen Duall  
Jay Whaley  
Cindy Spiers