



File # SAT-STA-20210125-00014

Call Sign S2382 Grant Date March 25, 2021

(or other identifier)

Approved by OMB  
3060-0678

Term Dates

From March 25, 2021 To: period of 180 days

Approved: Merissa L. Velez

Merissa L. Velez  
Chief, Satellite Policy Branch.

Date & Time Filed: Jan 25 2021 9:07:27:633PM  
File Number: SAT-STA-20210125-00014  
Callsign:

\*with conditions

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

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APPLICANT INFORMATION


Enter a description of this application to identify it on the main menu:

Request for 180-day grant of Special Temporary Authority to drift Intelsat 10 (S2382) to, and operate at, 177.8 E.L.

1. Applicant

<b>Name:</b>	Intelsat License LLC, as debtor-- in-possession	<b>Phone Number:</b>	703-559-7848
<b>DBA Name:</b>		<b>Fax Number:</b>	703-559-8539
<b>Street:</b>	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>	22101 -5972
<b>Attention:</b>	Susan H Crandall		

**ATTACHMENT TO GRANT**  
 Intelsat License LLC, as debtor-in-possession  
 IBFS File No. SAT-STA-20210125-00014

<b>IBFS File No(s):</b>	SAT-STA-20210125-00014 <sup>1</sup>	<p><b>GRANTED With Conditions</b></p>  <p><b>International Bureau Satellite Division</b></p>
<b>Licensee/Grantee:</b>	Intelsat License LLC, as debtor-in-possession	
<b>Call Sign:</b>	S2382	
<b>Satellite Name:</b>	Intelsat 10	
<b>Orbital Location: (required station-keeping tolerance)</b>	177.8° E.L. (+/- 0.05 degrees east/west station keeping)	
<b>Administration:</b>	United States of America	
<b>Nature of Service:</b>	Fixed Satellite Service (FSS); Telemetry, Tracking, and Command (TT&C)	
<b>Scope of Grant:</b>	Special temporary authority for a period of 180 days to conduct TT&C operations necessary to drift Intelsat 10 from the 47.5° E.L. orbital location to the 177.8° E.L. orbital location and to provide FSS at the 177.8° E.L. orbital location <sup>2</sup>	
<b>Service Area(s):</b>	Western United States, Pacific Ocean Region, eastern Asia, northern Asia, and Oceania <sup>3</sup>	
<b>Frequencies:</b>	3700-4200 MHz (space-to-Earth) 5925-6425 MHz (Earth-to-space) 11.45-11.7 GHz (space-to-Earth) 12.25-12.75 GHz (space-to-Earth) 14.0-14.5 GHz (Earth-to-space)  TT&C center frequencies: 11699.0 MHz; 12747.5 MHz, 12748.5 MHz, 12749.5 MHz (space-to-Earth) 14000.5 MHz, 14499.5 MHz (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 the Federal Communications 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 10 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 10 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 10 with existing geostationary space stations to ensure that no unacceptable interference results from its operations during drift to the 177.8° E.L. orbital location.</li> <li>3. Intelsat must operate only the TT&amp;C frequencies authorized for Intelsat 10 during the space station's drift to the 177.8° E.L. orbital location.</li> <li>4. In connection with the provision of service in any particular country, Intelsat is obliged to comply with the applicable laws, regulations, rules, and licensing procedures of that country.</li> </ol>		

<sup>1</sup> The application was placed on Public Notice as accepted for filing on February 12, 2021. *See Satellite Policy Branch Information, Space Station Applications Accepted for Filing*, Public Notice, Report No. SAT-01529 (Feb. 12, 2021).

<sup>2</sup> Intelsat was previously granted special temporary authority, for a period of 60 days, to drift Intelsat 10 to the 177.8° E.L. orbital location. *See* IBFS File No. SAT-STA-20210125-00013 (granted in part, dismissed in part).

<sup>3</sup> *See* Letter from Cynthia J. Grady, Assistant General Counsel, Intelsat US LLC, to Marlene H. Dortch, Secretary, FCC (dated Mar. 23, 2021) in IBFS File No. SAT-STA-20210125-00014.

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5. For operations at the 177.8° E.L. orbital location, Intelsat must maintain the Intelsat 10 spacecraft with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees.
6. Intelsat must operate Intelsat 10 at the 177.8° E.L. orbital location in compliance with all existing or future coordination agreements for this location. In the absence of a coordination agreement, such communications must comply with applicable provisions of the ITU Radio Regulations as the Commission cannot guarantee the success of the required coordinations.
7. The operations of Intelsat 10 and associated earth stations must comport with the applicable uplink and downlink limits in 47 CFR § 25.140(a)(3) of the Commission's rules, unless Intelsat coordinates any non-conforming operations with the operations of U.S.-licensed geostationary orbit space stations within 6 degrees of the 177.8° E.L. orbital location. Intelsat must also comport with the maximum power limits indicated in existing or future coordination agreements at 177.8° E.L. Non-conforming operation must also be coordinated with respect to those operations of non-U.S.-licensed space stations within 6 degrees of 177.8° E.L. involving approved communications with U.S.-licensed earth stations.
8. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat's own risk.
9. Operations of Intelsat 10 at the 177.8° E.L orbital location must otherwise comply with the conditions imposed in the prior authorizations and applicable license modifications. *See, e.g.*, IBFS File Nos. SAT-MOD-20130322-00052, SAT-MOD-20160422-00038, and SAT-MOD-20191008-00109.

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.

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).

<b>Action Date:</b>	March 25, 2021	
<b>Term Dates</b>	<b>From:</b> March 25, 2021	<b>To:</b> period of 180 days

**Approved:**



Merissa L. Velez  
 Chief, Satellite Policy Branch

2. Contact	
<b>Name:</b> Cynthia J. Grady	<b>Phone Number:</b> 703-559-6949
<b>Company:</b> Intelsat US LLC	<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 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    CRY – Space Station (Geostationary)	
5. Type Request	
<input checked="" type="radio"/> Change Station Location <input type="radio"/> Extend Expiration Date <input type="radio"/> Other	
6. Temporary Orbit Location 177.8 E.L.	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 herein requests 180 days of Special Temporary Authority, commencing upon grant, to drift Intelsat 10 to, and operate at, 177.8 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  
Assistant General Counsel, Intelsat US LLC

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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