



File # SAT-STA-20190920-00097

Call Sign S2960 Grant Date 11/7/19  
(or other identifier)

Term Dates  
From 10/04/19 To: 12/31/19

Approved: Stephen J. Duall

Stephen J. Duall  
Chief, Satellite Policy Branch

Approved by OMB  
3060-0678

Date & Time Filed: Sep 20 2019 1:22:45:400PM  
File Number: SAT-STA-20190920-00097  
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 Additional 180 days of Special Temporary Authority to Operate JCSAT-RA at 168.9 E.L. (Call Sign S2960)

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 US LLC 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-20190920-00097**

<b>IBFS File No(s):</b>	SAT-STA-20190920-00097	<p><b>GRANTED – With Conditions</b></p>  <p><b>International Bureau Satellite Division</b></p>
<b>Licensee/Grantee:</b>	Intelsat License LLC	
<b>Call Sign:</b>	S2960	
<b>Satellite Name:</b>	JCSAT-RA	
<b>Orbital Location: (required station-keeping tolerance)</b>	168.9° E.L. (± 0.05 degrees)	
<b>Administration:</b>	United States of America	
<b>Nature of Service:</b>	Fixed-Satellite Service (FSS)	
<b>Scope of Grant:</b>	Extension of previously granted special temporary authority until December 31, 2019	
<b>Service Area(s):</b>	C-band: Asia and Hawaii. Ku-band: Japan, Asia, and Global. <i>See</i> IBFS File No. SAT-LOA-20160411-00035, Section S6, Schedule S Tech Report and Engineering Statement at 2.	
<b>Frequencies:</b>	3940-4200 MHz (space-to-Earth) 6225-6485 MHz (Earth-to-space) 12.2-12.75 GHz (space-to-Earth) 13.75-14.5 GHz (Earth-to-space)  Telemetry, tracking, & command center frequencies: 4199.55 MHz (space-to-Earth) (Beacon) 12.2485 GHz (space-to-Earth) (Beacon) 12.7472 GHz(space-to-Earth) (Beacon) 12.74835 GHz (space-to-Earth) 12.74975 GHz (space-to-Earth) 13.9935 GHz (Earth-to-space) 14.496 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> <p>1. Operations under this grant of special temporary authority for operations of JCSAT-RA at 168.9° E.L. must comply with the applicable conditions placed on the operations of JCSAT-RA at 169.0° E.L. in IBFS File No. SAT-LOA-20160411-00035 (grant stamp July 12, 2018).</p>		
<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.</p> <p>This action is taken pursuant to Section 0.261 of the Commission’s rules on delegated authority, 47 C.F.R. § 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>	November 11, 2019	
<b>Term Dates</b>	<b>From:</b> October 4, 2019	<b>To:</b> December 31, 2019

**ATTACHMENT TO GRANT**  
Intelsat License LLC  
IBFS File No. SAT-STA-20190920-00097

**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 US LLC	<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

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 an additional 180 days of Special Temporary Authority previously granted to Intelsat to operate JCSAT-RA (Call Sign S2960) temporarily at 168.9 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  
Senior 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).

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

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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 20, 2019

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 Operate JCSAT-RA at 168.9° E.L.,  
Call Sign: S2960

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 180 days of Special Temporary Authority (“STA”)<sup>1</sup> previously granted to Intelsat to operate JCSAT-RA (Call Sign S2960) temporarily at 168.9° E.L.<sup>2</sup>

The JCSAT-RA satellite is permanently licensed to operate at 169.0 E.L.,<sup>3</sup> and is currently operating at 168.9° E.L. subject to STA.<sup>4</sup> Intelsat relocated JCSAT-RA to accommodate the arrival of Horizons 3e (S2947) at 169.0° E.L. following the satellite’s successful launch.

On-station at 168.9° E.L., Intelsat will continue to utilize the satellite’s telemetry, tracking, and control (“TT&C”) and communications frequencies. The specific TT&C frequencies are: 4199.55 MHz (beacon), 12.2485 GHz (beacon), 12.7472 GHz (beacon), 12.74835 GHz, and 12.74975 GHz (space-to-Earth); and 13.9935 GHz and 14.496 GHz (Earth-to-space). The specific communications frequencies are: 3940-4200 MHz, 6225-6425 MHz, 6425-6485 MHz, 12200-

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<sup>1</sup> Intelsat has filed this STA request, an FCC Form 159, and a \$980.00 filing fee electronically via the International Bureau’s Filing System.

<sup>2</sup> See Intelsat License LLC’s Request for Special Temporary Authority to Operate JCSAT-RA at 168.9° E.L., File No. SAT-STA-20190304-00013 (granted May 3, 2019).

<sup>3</sup> See *Policy Branch Information, Actions Taken*, Report No. SAT-01330, File No. SAT-LOA-20160411-00035 (July 13, 2018) (Public Notice).

<sup>4</sup> See *supra* at n. 2.

Ms. Marlene H. Dortch  
September 20, 2019  
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12250 MHz, 12250-12500 MHz, 12500-12750 MHz, 13750-13997 MHz, 13997-14000 MHz, 14000-14250 MHz, and 14250-14500 MHz.

Grant of this STA extension request will not result in increased risk of harmful interference. On-station at 168.9° E.L., Intelsat will continue to operate the satellite in conformance with its coordination agreements concerning the nominal 169.0° E.L. location.

In support of this STA extension request, Intelsat requests that the prior waivers granted for JCSAT-RA for Section 2.106 regarding the 12.2-12.7 GHz and 12.7-12.75 bands at 169.0° E.L. be extended to JCSAT-RA at 168.9° E.L.

Grant of this STA extension request is in the public interest because it will allow Intelsat to continue safely station-keep JCSAT-RA at the nominal 169° E.L.

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

Sincerely,

*/s/ Cynthia J. Grady*

Cynthia J. Grady  
Senior Counsel  
Intelsat US LLC

cc: Stephen Duall  
Jay Whaley  
Cindy Spiers





September 30, 2019

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 Operate JCSAT-RA at 168.9° E.L.,  
Call Sign S2960; File No. SAT-STA-20190920-00097

Dear Ms. Dortch:

Intelsat License LLC herein supplements its above referenced request to revise the requested end date of its Special Temporary Authority to December 31, 2019. The revised first paragraph should now read:

Intelsat License LLC (“Intelsat”) herein requests an additional **89** days, from October 4, 2019-December 31, 2019, of Special Temporary Authority (“STA”) previously granted to Intelsat to operate JCSAT-RA (Call Sign S2960) temporarily at 168.9° E.L. until **December 31, 2019**.

Sincerely,

*/s/ Cynthia J. Grady*

Cynthia J. Grady  
Senior Counsel  
Intelsat US LLC

cc: Stephen Duall  
Jay Whaley  
Jennifer Balatan