

SAT-STA-20181218-00091
Intelsat License LLC

IB2018010556



File # SAT- STA- 20181218-00091

Call Sign S 2960 Grant Date 12/20/18

(or other identifier)

Term Dates Period of
From 01/07/19 To: 30 days

Approved by OMB
3060-0678

Date & Time Filed: Dec 18 2018 10:46:56:263AM
File Number: SAT-STA-20181218-00091
Callsign:

Approved: Stephen J. Duall

Stephen J. Duall
Chief, Satellite Policy Branch

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 JCSAT-RA to, and Operate at, 168.9 E.L., Call Sign

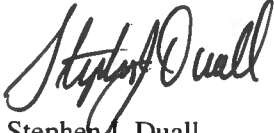
1. Applicant

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

ATTACHMENT TO GRANT
Intelsat License LLC
IBFS File No. SAT-STA-20181218-00091

IBFS File No(s):	SAT-STA-20181218-00091	<p>GRANTED – With Conditions</p>  <p>International Bureau Satellite Division</p>
Licensee/Grantee:	Intelsat License LLC	
Call Sign:	S2960	
Satellite Name:	JCSAT-RA	
Orbital Location: (required station-keeping tolerance)	168.9° E.L. (± 0.05 degrees)	
Administration:	United States of America	
Nature of Service:	Fixed-Satellite Service (FSS)	
Scope of Grant:	Special Temporary Authority for a period of 30 days to operate the JCSAT-RA space station to provide FSS at the 168.9° E.L. orbital location instead of its currently authorized orbital location of 169.0° E.L. Authority to conduct telemetry, tracking and command operations necessary to drift JCSAT-RA from the 169.0° E.L. orbital location to the 168.9° E.L. orbital location, and maintain it upon its arrival at that location.	
Service Area(s):	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.	
Frequencies:	3940-4200 MHz (space-to-Earth) 6225-6485 MHz (Earth-to-space) 12.2-12.75 GHz (space-to-Earth) 13.8-14.5 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>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:</p> <ol style="list-style-type: none"> 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>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>		

ATTACHMENT TO GRANT
Intelsat License LLC
IBFS File No. SAT-STA-20181218-00091

Action Date:	December 20, 2018	
Term Dates	From: January 7, 2019	To: period of 30 Days
Approved:	 Stephen J. Duall Chief, Satellite Policy Branch	

2. Contact

Name:	Cynthia J. Grady	Phone Number:	703-559-6949
Company:	Intelsat US LLC	Fax Number:	703-559-8538
Street:	7900 Tysons One Place	E-Mail:	cynthia.grady@intelsat.com
City:	McLean	State:	VA
Country:	USA	Zipcode:	22102 -5972
Attention:		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 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 30 days, commencing January 7, 2019, of Special Temporary Authority to drift JCSAT-RA (Call Sign S2960) from 169.0 E.L. to 168.9 E.L., and operate the satellite 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:

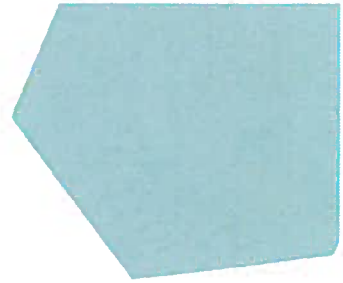
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT
(U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION
(U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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. 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.



December 18, 2018

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

Re: Request for Special Temporary Authority to Drift JCSAT-RA to, and Operate at, 168.9° E.L.
Call Sign: S2960

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests 30 days, commencing January 7, 2019, of Special Temporary Authority (“STA”)¹ to drift JCSAT-RA (Call Sign S2960) from 169.0° E.L. to 168.9° E.L., and operate the satellite temporarily at 168.9° E.L. Intelsat will also be filing a 180-day STA request to support this redeployment.

The JCSAT-RA satellite is currently operating at 169.0 E.L.² Subject to receipt of Federal Communications Commission approval, the satellite will be relocated to 168.9° E.L. with an anticipated drift start date of January 7, 2019. The drift of the JCSAT-RA satellite is expected to take approximately one week. Intelsat is relocating JCSAT-RA to accommodate the arrival of Horizons 3e (S2947) at 169.0° E.L. following the satellite’s successful launch.

During the drift of the JCSAT-RA satellite, 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: 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).

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

² See *Policy Branch Information; Actions Taken*, Report No. SAT-01330, File No. SAT-LOA-20160411-00035 (July 13, 2018) (Public Notice).



Ms. Marlene H. Dortch
December 18, 2018
Page 2

Once on-station at 168.9° E.L., Intelsat will also operate on the following communications frequencies: 3940-4200 MHz, 6225-6425 MHz, 6425-6485 MHz, 12200-12250 MHz, 12250-12500 MHz, 12500-12750 MHz, 13750-13997 MHz, 13997-14000 MHz, 14000-14250 MHz, and 14250-14500 MHz

Grant of this STA 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. Once on-station at 168.9° E.L., Intelsat will operate the communications payload in conformance with its coordination agreements concerning the nominal 169.0° E.L. location.

Further, Intelsat has assessed and limited the probability of the space station becoming a source of debris as a result of collisions with large debris or other operational space stations. Intelsat is not aware of any FCC licensed system, or any other system applied for and under consideration by the FCC, having an overlapping station-keeping volume with JCSAT-RA at 168.9° E.L. Finally, Intelsat is not aware of any system with an overlapping station-keeping volume with JCSAT-RA that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

In support of this STA 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 request is in the public interest because it will allow Intelsat to safely station-keep JCSAT-RA and Horizons 3e at the nominal 169° E.L.

For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this STA request. Please direct any questions regarding this STA 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