

S2469 SAT-STA-20140123-00009 IB2014000132
Intelsat License LLC
Galaxy 26



File # SAT-STA-20140123-00009

Call Sign S2469 Grant Date 02/12/14
(or other identifier)

Term Dates period of
From 03/16/14 To: 30 days

Approved by OMB
3060-0678

Date & Time Filed: Jan 23 2014 5:00:50:056PM
File Number: SAT-STA-20140123-00009
Callsign:

*with conditions

Approved: Stephen J. Duall
Stephen J. Duall
Chief, Satellite Policy Branch

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 Special Temporary Authority for Galaxy 26 (Call Sign S2469)

I. Applicant

Name:	Intelsat License LLC	Phone Number:	202-944-7848
DBA Name:		Fax Number:	202-944-7870
Street:	c/o Intelsat Corporation 3400 International Drive, N.W.	E-Mail:	susan.crandall@intelsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Susan H. Crandall		

Intelsat License LLC
IBFS File No. SAT-STA-20140123-00009
Call Sign: S2469

The application of Intelsat License LLC (Intelsat) for special temporary authority, IBFS File No. SAT-STA-20140123-00009 is GRANTED. Specifically, Intelsat is authorized, for a period of 30 days, commencing on March 16, 2014, to continue operating the communications payload of the Galaxy 26 satellite (call sign S2469) at the 50.0° E.L. orbital location in the 11.7-12.2 GHz (space-to-Earth) frequency band. Furthermore, the license term for Galaxy 26, which would have expired on March 15, 2014, is extended for this 30-day period to allow Intelsat to transfer traffic from Galaxy 26 to the ABS-2 space station prior to the commencement of Galaxy 26's deorbit maneuvers. Operations pursuant to this authorization must be in accordance with conditions imposed as part of Galaxy 26's authorization to operate at this orbital location granted on March 2, 2012. See IBFS File No. SAT-MOD-20110420-00073 (grant stamp, dated Mar. 2, 2012).¹



*with conditions

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¹ Condition 8 of that grant limited the term of Intelsat's operation of the communications payload of the Galaxy 26 satellite at the 50.0° E.L orbital location in the 11.7-12.2 GHz (space-to-Earth) frequency band to December 31, 2013, the expiration date of Intelsat's arrangement with Al Yah Satellite Communications Company PrJSC (Yahsat). Condition 8 further stated that after that date, Intelsat must either seek authority from the Commission to extend the term of this authorization or cease operating the communications payload of Galaxy 26 in the 11.7-12.2 GHz (space-to-Earth) frequency band at the 50.0° E.L orbital location.

2. Contact	
Name: Susan H. Crandall	Phone Number: 202-944-7848
Company: Intelsat Corporation	Fax Number: 202-944-7870
Street: 3400 International Drive, N.W.	E-Mail: susan.crandall@intelsat.com
City: Washington	State: DC
Country: USA	Zipcode: 20008 -3006
Attention: Susan H. Crandall	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?	
<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 type="radio"/> Change Station Location <input type="radio"/> Extend Expiration Date <input checked="" type="radio"/> 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 Special Temporary Authority for 30 days, from March 16, 2014 through April 15, 2014, to continue operating in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 (Earth-to-space) frequency bands, and providing telemetry, tracking and telecommand operations using the 4196.5 MHz (vertical polarization/space-to-Earth) or

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
Susan H. Crandall

11. Title of Person Signing
Assoc. General 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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8. Description

Intelsat License LLC herein requests Special Temporary Authority for 30 days, from March 16, 2014 through April 15, 2014, to continue operating in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 (Earth-to-space) frequency bands, and providing telemetry, tracking and telecommand operations using the 4196.5 MHz (vertical polarization/space-to-Earth) or 4199.5 MHz (vertical polarization/space-to-Earth); 6315.0 MHz (vertical polarization/Earth-to-space) and 4090.0 MHz (horizontal polarization/space-to-Earth); 5926.5 (right-hand circular polarization/Earth-to-space), and 6411.0 MHz (right-hand circular polarization/Earth-to-space) frequencies, on the Galaxy 26 satellite (call sign S2469) at the 50.0 E.L. orbital location.

January 23, 2014

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



Re: Request for Special Temporary Authority for Galaxy 26
Call Sign: S2469

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests Special Temporary Authority (“STA”)¹ for 30 days—from March 16, 2014 through April 15, 2014—to continue operating in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 (Earth-to-space) frequency bands, and providing telemetry, tracking and telecommand (“TT&C”) operations using the 4196.5 MHz (vertical polarization/space-to-Earth) or 4199.5 MHz (vertical polarization/space-to-Earth); 6315.0 MHz (vertical polarization/Earth-to-space) and 4090.0 MHz (horizontal polarization/space-to-Earth); 5926.5 (right-hand circular polarization/Earth-to-space), and 6411.0 MHz (right-hand circular polarization/Earth-to-space) frequencies, on the Galaxy 26 satellite (call sign S2469) at the 50.0° E.L. orbital location.

Intelsat is currently authorized to operate the Galaxy 26 satellite at the 50.0° E.L. orbital location in the C- and Ku-bands through the license term for the Galaxy 26 satellite, which expires on March 15, 2014.² Although Condition 8 of that authorization limited the duration of Galaxy 26’s operations in the 11.7-12.2 GHz frequency band to December 31, 2013,³ the Commission subsequently granted Intelsat an STA to extend operations in the 11.7-12.2 GHz frequency band through the expiration of Galaxy 26’s license term on March 15, 2014.⁴

¹ Intelsat has filed this STA request, an FCC Form 159, and an \$860.00 filing fee electronically via the International Bureau’s Filing System.

² See *Intelsat License LLC, Application to Modify Authorization to Relocate Galaxy 26 to 50.0° E.L.*, File No. SAT-MOD-20110420-00073, Condition 9 (filed Apr. 20, 2011; stamp grant, Mar. 2, 2012).

³ See *id.*, Condition 8.

⁴ See *Policy Branch Information; Actions Taken*, Report No. SAT-00988, File No. SAT-STA-20131107-00129 (Dec. 27, 2013) (Public Notice).

Intelsat had planned to de-orbit Galaxy 26 at the end of its license term. Prior to de-orbit, the U.S. Government customers currently served by Galaxy 26 were scheduled to move to the ABS-2 satellite (a/k/a ST-3 and Koreasat-8), which originally had been scheduled to launch in January 2014. Intelsat recently has learned, however, that the ABS-2 satellite launch has been delayed until approximately February 6, 2014. As a result of this delay, absent the Commission granting this STA request, the U.S. Government customers would experience service interruption upon the expiration of the Galaxy 26 license term on March 15, 2014 until the ABS-2 satellite becomes fully operational a short time thereafter.⁵ Consequently, Intelsat herein requests that the Commission authorize Intelsat temporarily to continue operating the Galaxy 26 satellite in the aforementioned frequency bands at 50.0° E.L. until April 15, 2014 to ensure continuity of service.

Intelsat will continue operating Galaxy 26 at the 50.0° E.L. orbital location pursuant to the technical parameters provided in its current authorization and incorporates this information by reference.⁶ Intelsat requests that the waiver of Section 25.202(g) previously granted Intelsat for Galaxy 26 at 50.0° E.L. continue to apply. Intelsat will continue to comply with the condition previously imposed on Galaxy 26's TT&C operations.⁷ At the conclusion of this STA on April 15, 2014, Intelsat plans to de-orbit the satellite as previously approved by the Commission.⁸

Grant of this STA request is in the public interest because it will allow Intelsat to continue to provide U.S. Government customers with capacity in the Indian Ocean until they can be transferred to ABS-2. Grant of this STA request will not result in risk of harmful interference as Intelsat will continue to operate

⁵ Assuming a February 6 launch, Intelsat expects to transfer the U.S. Government customers to ABS-2 by the end of March. Intelsat has requested temporary operational authority through mid-April to accommodate possible slippage in the launch and/or traffic transfer schedule.

⁶ See *supra* note 2.

⁷ See *id.*, Condition 4.

⁸ See *Intelsat License LLC, Application to Modify Authorization to Relocate Galaxy 26 to 50.0° E.L.*, File No. SAT-MOD-20110420-00073 (filed Apr. 20, 2011), Engineering Statement at 6-7. Intelsat confirmed that it expects to dispose of the spacecraft by moving it to a planned minimum altitude of 150 kilometers (perigee) above the geostationary arc. Intelsat has reserved 63.5 kilograms of fuel for this purpose. The fuel gauging uncertainty has been taken into account in these calculations.

Ms. Marlene H. Dortch
January 23, 2014
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Galaxy 26 pursuant to the coordination agreements of the Turkish Administration for that location.⁹

For the reasons set forth herein, Intelsat respectfully requests that the Commission expeditiously grant this request.

Sincerely,



Susan H. Crandall
Associate General Counsel
Intelsat Corporation

cc: Kathryn Medley
Stephen Duall
Jay Whaley
Cindy Spiers

⁹ Intelsat previously filed a letter from Türksat Satellite Communication Cable TV and Operation Inc. confirming Intelsat's authority to operate a satellite at 50.0° E.L. pursuant to ITU filings of the Government of Turkey. *See Supplement to Application to Modify Authorization to Relocate Galaxy 26 to 50.0° E.L.*, File No. SAT-MOD-20110420-00073 (filed June 8, 2011).