

S2469

SAT-STA-20140212-00022

IB2014000264

Intelsat License LLC
Galaxy 26



File # SAT-STA-20140212-00022

Call Sign S2469 Grant Date 2/14/14
(or other identifier)

Approved by OMB
3060-0678

Term Dates
From 2/18/14 To: +30days

Approved: Kathleen Kelly
*With Conditions Chief, Satellite Engineering Br.

Date & Time Filed: Feb 12 2014 6:19:17:573PM
File Number: SAT-STA-20140212-00022
Callsign:

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-20140212-00022
Call Sign: S2469

The application of Intelsat License LLC (Intelsat) for special temporary authority, IBFS File No. SAT-STA-20140212-00022 is GRANTED. Specifically, Intelsat is authorized, for a period of 30 days, commencing on February 18, 2014, to perform Telemetry, Tracking, and Command (TT&C) operations with the Galaxy 26 space station (Call Sign S2469) necessary to drift the space station from the 50.0° E.L. orbital location to the 49.9° E.L. orbital location, and to maintain Galaxy 26 upon its arrival at the 49.9° E.L. orbital location, using the following C-band frequencies: 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 MHz (right-hand circular polarization/Earth-to-space), and 6411.0 MHz (right-hand circular polarization/Earth-to-space). Additionally, Intelsat is authorized to operate the Galaxy 26 space station, both during the drift and upon arrival at the 49.9° W.L. orbital location, to provide Fixed Satellite Services in the Ku-band frequencies of 11.7-12.2 GHz and 14.0-14.5 GHz in accordance with International Telecommunication Union filings of the Turkish Administration. 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. All operations under this grant of special temporary authority must be on an unprotected and non-harmful interference basis, *i.e.*, Intelsat must not cause harmful interference to, and must not claim protection from interference caused to it by, any other lawfully operating radiocommunication system.

2. In the event of any harmful interference as a result of the operations under this grant of special temporary authority, Intelsat must cease operations immediately upon notification of such interference and must immediately inform the Commission, in writing, of such an event.

3. Intelsat must coordinate the operations of Galaxy 26 with existing geostationary space stations to ensure that no unacceptable interference results from its operations during drift to and upon arrival at the 49.9° E.L. orbital location.

4. On our own motion, we grant to Intelsat a waiver of Section 25.120(a) of the Commission's rules, 47 C.F.R. § 25.120(a), which states in pertinent part that no request for special temporary authority will be considered unless it is received by the Commission at least 3 working days prior to the date of proposed operation. In view of the exigent nature of Intelsat's request due to the unforeseen need to reposition the Galaxy 26 space station to avoid interference to a newly launched space station as stated in its application, we find that waiver of Section 25.120(a) would not undermine the policy objective of the rule.



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Approved: Kathleen M. Kelly
Chief Satellite & Emerg. Br.

*With conditions

Intelsat License LLC
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5. Intelsat's request that the waiver of Section 25.202(g) previously granted to Intelsat for Galaxy 26 at 50.0° E.L. continue to apply at 49.9° E.L. is granted.

6. Any action taken or expense incurred as a result of operations pursuant to this grant of special temporary authority is at Intelsat's own risk.

7. This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately.

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?

- 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 Special Temporary Authority for 30 days beginning February 18, 2014 to drift Galaxy 26 from 50.0 E.L. to 49.9 E.L., where the satellite will continue to operate in the C- and Ku-bands pursuant to the ITU filings of the Turkish Administration for that location.

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).

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.

February 12, 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
EXPEDITED TREATMENT REQUESTED

Dear Ms. Dortch:

Intelsat License LLC herein requests Special Temporary Authority ("STA")¹ for 30 days beginning February 18, 2014 to drift Galaxy 26 from 50.0° E.L. to 49.9° E.L., where the satellite will continue to operate in the C- and Ku-bands pursuant to the ITU filings of the Turkish Administration for that location.² Intelsat requests expeditious treatment of this request because the operator of Turksat-4A has informed Intelsat that it intends to conduct in-orbit testing of that satellite at precisely 50.0° E.L. starting February 21, 2014.

Intelsat expects to have Galaxy 26 at 49.9° E.L. within a few days of beginning the drift. During the drift, Intelsat will continue operating the satellite's Ku-band communications frequencies, as well as the satellite's TT&C frequencies. The operation of the satellite's Ku-band communications frequencies during the drift is being done to ensure continuity of service to U.S. Government customers on the satellite that are to be transferred to the ABS-2 satellite in the near future. Intelsat confirms that there are no co-frequency satellites between 50.0° E.L. and 49.9° E.L.

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 Intelsat currently is authorized to operate the satellite at 50.0° E.L. through March 15, 2014. 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) and *Policy Branch Information; Actions Taken*, Report, No. SAT-00988, File No. SAT-STA-20131107-00129 (Dec. 27, 2013) (Public Notice). Although Intelsat had planned to de-orbit Galaxy 26 starting in March, Intelsat has requested STA to continue to operate the TT&C frequencies and Ku-band payload frequencies through April 15, 2014 in order to ensure that the customers have time to transition to a new satellite. See *Intelsat License LLC Request for Special Temporary Authority*, File No. SAT-STA-20140123-00009 (filed Jan. 23, 2014).

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The specific TT&C frequencies are as follows:

Primary command: 5926.5 MHz (RHCP) (uplink)
Back-up command: 6411 MHz (RHCP) (uplink)
Telemetry: 4196.5 MHz (V) or 4199.5 MHz (V)
Ranging: 6315 MHz (V) (uplink)
4090 MHz (H) (downlink)

Intelsat requests that the waiver of Section 25.202(g) previously granted Intelsat for Galaxy 26 at 50.0° E.L. continue to apply at 49.9° E.L. At the 49.9° E.L. location, Intelsat will comply with the condition previously imposed on its operation of Galaxy 26's TT&C operations at 50.0° E.L.³

The specific communications payload frequencies are as follows. As noted above, these Ku-band communications frequencies will be operated during the drift:

14000-14500 MHz (uplink)
11700-12200 MHz (downlink)⁴

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 region without risk of harmful interference and to ensure safe station-keeping of Galaxy 26 upon the arrival of Turksat-4A. Moving the former temporarily to 49.9° E.L. prior to the arrival of Turksat-4A also will ensure that the latter's in-orbit testing will not experience harmful interference. Customers on Galaxy 26 will not experience service degradation because they will be tracking the satellite during the drift.

Grant of this STA request will not result in increased risk of harmful interference. As noted above, there are no potentially affected operators in the drift path. Once on-station at 49.9° E.L., Intelsat will continue to operate Galaxy 26 pursuant to the coordination agreements of the Turkish Administration for that location.

³ See *Policy Branch Information; Actions Taken*, Report No. SAT-00613, File No. SAT-MOD-20090309-00034 (June 19, 2009) (Public Notice).

⁴ Intelsat will continue to comply with the conditions previously imposed on the operation of the Galaxy 26 satellite in the 11700-12200 MHz frequency band. See *id.*

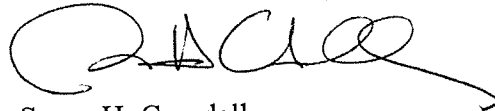
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Intelsat has assessed and limited the probability of the space station becoming a source of debris as a result of collisions with large debris or other operational space stations. Galaxy 26 will not be located at the same orbital location as another satellite or at an orbital location that has an overlapping station-keeping volume with another satellite.

Further, Intelsat is not aware of any other FCC licensed system, or any other system applied for and under consideration by the FCC, having an overlapping station-keeping volume with Galaxy 26 at 49.9° E.L. Finally, Intelsat is not aware of any system with an overlapping station-keeping volume with Galaxy 26 that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'S. Crandall', with a long horizontal flourish extending to the right.

Susan H. Crandall
Associate General Counsel
Intelsat Corporation

cc: Kathryn Medley
Stephen Duall
Jay Whaley
Cindy Spiers