

S2154 SAT-STA-20190502-00034 IB2019001301
Intelsat License LLC
Galaxy 25



*with conditions

File # SAT-STA-20190502-00034

Call Sign S2154 Grant Date 05/29/19
(or other identifier)

Term Dates period of
From 06/01/19 To: 60 days

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

Approved by OMB
3060-0678

Date & Time Filed: May 2 2019 12:41:34:550PM
File Number: SAT-STA-20190502-00034
Callsign:

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:
STA to Drift Galaxy 25 to 32.9 E.L. (S2154)

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-20190502-00034

IBFS File No(s):	SAT-STA-20190502-00034		<p>GRANTED – With Conditions</p>  <p>International Bureau Satellite Division</p>
Licensee/Grantee:	Intelsat License LLC		
Call Sign:	S2154		
Satellite Name:	Galaxy 25		
Orbital Location: (required station-keeping tolerance)	32.9° E.L. (+/- 0.05 degrees east/west station keeping)		
Administration:	United States of America		
Nature of Service:	Telemetry, Tracking, and Command (TT&C)		
Scope of Grant:	Special temporary authority for a period of 60 days to conduct TT&C operations necessary to drift the Galaxy 25 space station from the 93.10° W.L. orbital location to the 32.9° E.L. orbital location		
Service Area(s):	N/A		
Frequencies:	TT&C center frequencies: 4195.5 MHz, 4199.5 MHz, 11.702 GHz, and 12.198 GHz (space-to-Earth) 5926.5 MHz and 6423.5 MHz (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 pursuant to this special temporary authority must be on an unprotected and non-harmful interference basis, i.e., the Galaxy 25 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 must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event. 2. Intelsat must coordinate the operations of Galaxy 25 with existing geostationary space stations to ensure that no unacceptable interference results from its operations during drift to the 32.9° E.L. orbital location. 3. While at the 32.9° E.L. orbital location, Intelsat must maintain the Galaxy 25 spacecraft with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees. 4. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat's own risk. 			
<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. 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.</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>			
Action Date:	May 29, 2019		
Term Dates	From: June 1, 2019	To: period of 60 days	

ATTACHMENT TO GRANT
Intelsat License LLC
IBFS File No. SAT-STA-20190502-00034

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:	703-559-8539
Street:	7900 Tysons One Place	E-Mail:	cynthia.grady@intelsat.com
City:	McLean	State:	VA
Country:	USA	Zipcode:	22102 -3006
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
32.9 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 License LLC herein requests 60 days, commencing June 1, 2019, of Special Temporary Authority to drift Galaxy 25 (Call Sign S2154) from 93.10 W.L. to 32.9 E.L. Intelsat intends to file an application to modify the Galaxy 25 license for this redeployment.

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.

May 2, 2019

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 Galaxy 25 to 32.9° E.L.
Call Sign: S2154

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests 60 days, commencing June 1, 2019, of Special Temporary Authority (“STA”)¹ to drift Galaxy 25 (Call Sign S2154) from 93.10° W.L. to 32.9° E.L. Intelsat intends to file an application to modify Galaxy 25’s license for this redeployment.

The Galaxy 25 satellite is currently operating at 93.10° W.L.² Subject to receipt of Federal Communications Commission (“FCC” or “Commission”) approval, the satellite will be relocated to 32.9° E.L. The drift of Galaxy 25 is expected to begin June 1, 2019 and will take approximately four months.

During the drift of Galaxy 25, Intelsat will only utilize 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 TT&C frequencies are as follows: 4195.5 MHz and 4199.5 (downlink); 5926.5 MHz and 6423.5 MHz (uplink).

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

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-01203, File No. SAT-MOD-20161004-00097 (Dec. 6, 2016) (Public Notice).

Ms. Marlene H. Dortch
May 15, 2019
Page 2

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.

Further, Intelsat has assessed and limited the probability of the space station becoming a source of debris as a result of collision with large debris or other operational space stations. Intelsat 904 will be temporarily collocated with Intelsat 901, before the planned relocation of Intelsat 901 in Q3 2019. 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 Intelsat 904 at 29.5° W.L. Finally, Intelsat is not aware of any system with an overlapping station-keeping volume with Intelsat 904 that is the subject of an ITU filing and that is either in orbit or progressing towards launch.

Grant of this STA further extension request is in the public interest because it will allow Intelsat to continue with redeploying Intelsat 904 following the launch of, and transfer of traffic to, Intelsat 38, thereby maximizing the use of on-orbit resources.

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