

**** GRANT IN PART / DENIED IN PART ****

S2422 SAT-STA-20190829-00085
Intelsat License LLC
Galaxy 12

IB2019003139



File # SAT-STA-20190829-00085

Call Sign S2422 Grant Date 09/25/19

(or other identifier)

Term Dates period of
From 10/01/19 To: 30 days

Approved by OMB
3060-0678

Approved:

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

***with conditions**

Date & Time Filed: Aug 29 2019 2:12:52:113PM
File Number: SAT-STA-20190829-00085
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 60-day Grant of Special Temporary Authority to Operate Galaxy 12 (S2422) at 129.0 W.L. with New Beam Coverage

I. 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-20190829-00085

IBFS File No(s):	SAT-STA-20190829-00085	GRANTED IN PART / DENIED IN PART- With Conditions  International Bureau Satellite Division
Licensee/Grantee:	Intelsat License LLC	
Call Sign:	S2422	
Satellite Name:	Galaxy 12	
Orbital Location: (required station-keeping tolerance)	129.0° W.L. (+/- 0.05 degrees east/west)	
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 Galaxy 12's C-band beams over a new coverage area in the communications frequencies at 3700-4200 MHz (space-to-Earth) ¹	
Service Area(s):	See Exhibit A	
Frequencies:	3700-4200 MHz (space-to-Earth)	
<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., they must not cause harmful interference to, and shall 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 shall inform the Commission, in writing, immediately of such an event. 2. All other operations of Galaxy 12 at the 129.0° W.L. orbital location must be in accordance with its current authorization, IBFS File No. SAT-MOD-20180215-00017. 		
<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>		
Action Date:	September 25, 2019	

¹ Intelsat requested a grant of 60-days for special temporary authority, which is permissible without public notice pursuant to section 25.120(b)(3) of the Commission's rules. Under this rule, the Commission "may" grant a temporary authorization for a period not to exceed 60 days if the STA request has not been placed on public notice and the applicant plans to file a request for regular authority for the service. Although Intelsat states that it will file a license modification for the service requested, we find that the public interest in notice and comment supports a grant for a shorter period of time where there is no evidence of why a request for regular authority that provides more complete details of the proposed operations and an opportunity for public comment could not be filed simultaneously with the request for special temporary authority. Accordingly, we deny Intelsat's request for special temporary authority for 60 days and instead grant special temporary authority for a period of 30 days, which is permissible without public notice under section 25.120(b)(4) of the Commission's rules.

ATTACHMENT TO GRANT
Intelsat License LLC
IBFS File No. SAT-STA-20190829-00085

Term Dates	From: October 1, 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:	c/o 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 -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 a grant of Special Temporary Authority for 60 days, commencing October 1, 2019, to operate Galaxy 12's (Call Sign S2422) C-band beams over a new coverage area in the communications frequencies 3700-4200 MHz in order to provide customer service.

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).

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INTELSAT.

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August 29, 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 Operate Galaxy 12 at 129.0° W.L. with New Beam Coverage; Call Sign: S2422

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests grant of Special Temporary Authority (“STA”)¹ for 60 days, commencing October 1, 2019, to operate Galaxy 12’s (Call Sign S2422) C-band beams over a new coverage area in the communications frequencies 3700-4200 MHz in order to provide customer service. The beams will bias on a seasonal basis, and Intelsat will be filing a license modification application to support this new service area. The coverage requested herein is for winter operations. Maps of the new coverage areas are enclosed as Exhibit A.

Galaxy 12 is permanently licensed to operate at 129.0° W.L.² with different C-band beam coverage than proposed herein. The satellite’s C-band beams will be biased in order to achieve the new coverage.³ Intelsat’s proposed operations of Galaxy 12 will conform to existing coordination agreements and the Federal Communications Commission’s (“Commission”) rules governing operations vis-à-vis adjacent locations.

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-01311, File No. SAT-MOD-20180215-00017 (April 20, 2018) (Public Notice).

³ Galaxy 12 only has two beams—the North America H Beam and the North America V Beam.

Ms. Marlene H. Dortch
August 29, 2019
Exhibit A

The operation of Galaxy 12's C-band beams with different coverage than authorized by its current license will allow Intelsat to provide new customer service. Accordingly, grant of this STA request is in the public interest.

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

Sincerely,

/s/ Cynthia J. Grady

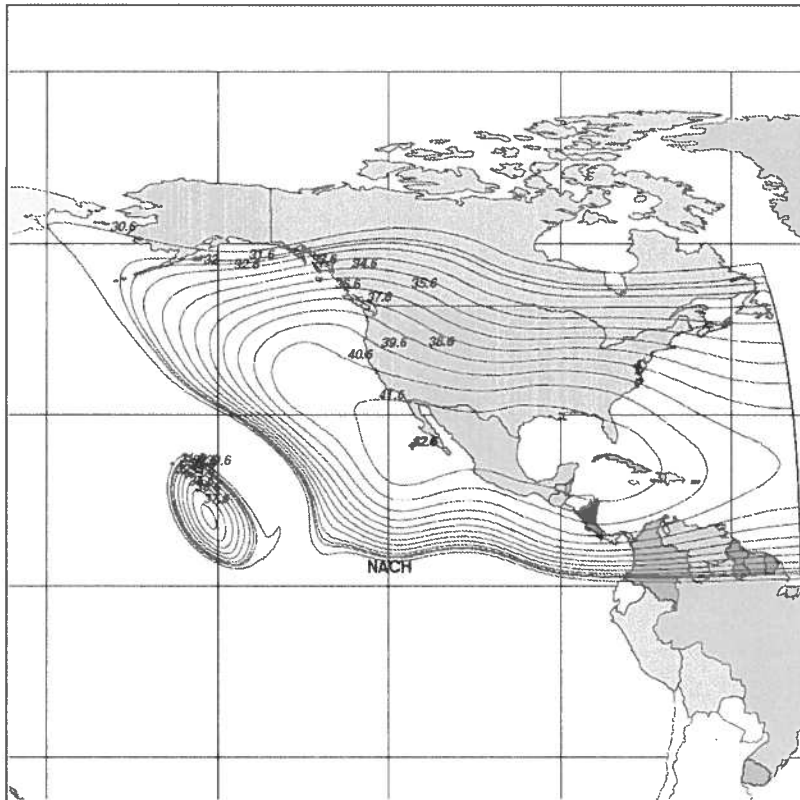
Cynthia J. Grady
Senior Counsel
Intelsat US LLC

Attachment

Cc: Stephen Duall
Jay Whaley
Cindy Spiers

Ms. Marlene H. Dortch
 August 29, 2019
 Exhibit A

Exhibit A: Galaxy 12 Proposed Beam Coverage, North America H Beam



Galaxy 12 @ 129°W
 C-Band North America H
 Transmit Coverage

Platform Bias: 1.50°E 1.70°S
 Yaw: 0.00°

Contours	EIRP [dBW]
Beam Peak (C.O)	42.6
-1.0	41.6
-2.0	40.6
-3.0	39.6
-4.0	38.6
-5.0	37.6
-6.0	36.6
-7.0	35.6
-8.0	34.6
-9.0	33.6
-10.0	32.6
-11.0	31.6
-12.0	30.6

Beam Edge EIRP values from ISS-110 Rev BB.
 Nominal Beam Peak EIRP and contour values
 (dB from P.R.) derived from ACP 10 Rev 6.17.

View: Geographic
 Status: INTELSAT APPROVED

Plot Date: 10 July 2019
 thinnam-so/g12plsaornbisng apr

Galaxy 12 Proposed Beam Coverage, North America V Beam



Galaxy 12 @ 129°W
 C-Band North America V
 Receive Coverage

Platform Bias: 3.50°E 1.76°S
 Yaw: 0.00°

Contours	G/T (dB/K)
Beam Peak (S.C)	3.2
-1.0	2.2
-2.0	1.2
-3.0	0.2
-4.0	-0.8
-5.0	-1.8
-6.0	-2.8
-7.0	-3.8
-8.0	-4.8
-9.0	-5.8
-10.0	-6.8
-11.0	-7.8

Beam Edge EIRP values from ISS-410 Rev 8B.
 Nominal Beam Peak EIRP and contour values
 (dB from B.E.) derived from ACP 201 Rev 6.10.

View : Geographic
 Status : INTELSAT APPROVED

Plot Date: 10 July 2019
 thinnam-us-8gl2plotwebtesting.asp