



File # SAT-STA-20200520-00047

Call Sign 52405 Grant Date June 5, 2020

(or other identifier)

Term Dates

From May 24, 2020 To: 60 Days

Approved:

[Signature]
John W. Johnson
Acting Chief
Satellite Policy Branch

Approved by OMB
3060-0678

Date & Time Filed: May 20 2020 7:43:54:693PM
File Number: SAT-STA-20200520-00047
Callsign:

* with conditions

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 an additional 60 days of Special Temporary Authority to operate Intelsat 901 (S2405) with a new platform bias

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-20200520-00047

IBFS File No(s):	SAT-STA-20200520-00047	GRANTED- With Conditions  International Bureau Satellite Division
Licensee/Grantee:	Intelsat License LLC	
Call Sign:	S2405	
Satellite Name:	Intelsat 901	
Orbital Location: (required station- keeping tolerance)	27.5° W.L. (+/- 0.05 degrees east/west)	
Administration:	United States of America	
Nature of Service:	Fixed Satellite Service (FSS)	
Scope of Grant:	Extension of special temporary authority for a period of 60 days to operate Intelsat 901 with a new platform bias of 0.60° W and 0.15° N	
Prior Grants:	Intelsat License LLC, SAT-STA-20200310-00025 (granted March 27, 2020)	
Service Area(s):	See IBFS File No. SAT-MOD-20190207-00009	
Frequencies:	3625-4200 MHz (space-to-Earth) 10.95-11.2 GHz (space-to-Earth) 11.45-11.7 GHz (space-to-Earth) 5850-6425 MHz (Earth-to-space) 14.0-14.5 GHz (Earth-to-space) Telemetry, Tracking & Command Frequencies: 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, 3952.5 MHz (space-to-Earth) 6173.7 MHz, 6176.3 MHz (Earth-to-space)	
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:		
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 Intelsat 901 at the 27.5° W.L. orbital location must be in accordance with its current authorization, IBFS File No. SAT-MOD-20190207-00009. ¹		

¹ Under its current authorization, Intelsat 901 does not have authority to perform station-keeping or attitude control maneuvers. Intelsat 901 operates as part of a combined vertical stack with MEV-1, Call Sign S2990, which has the authority to perform those maneuvers.

ATTACHMENT TO GRANT
Intelsat License LLC
IBFS File No. SAT-STA-20200520-00047

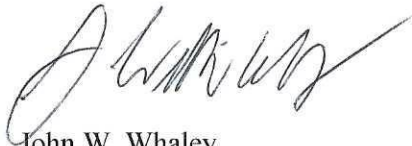
Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned.

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

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).

Action Date:	June 5, 2020	
Term Dates	From: May 24, 2020	To: period of 60 days

Approved:



John W. Whaley
Acting 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 -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 SATMOD2020040200030 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 request an additional 60 days of Special Temporary Authority to operate Intelsat 901 with a new platform bias, 0.60 W, 0.15 N, in order to change the satellite's coverage area.

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

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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.



May 20, 2020

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

Re: **Request for Extension of Special Temporary Authority**
Intelsat 901; Call Sign S2405

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 60 days of Special Temporary Authority ("STA")¹ previously granted to Intelsat² to operate Intelsat 901 (Call Sign S2405) with a new platform bias, 0.60°W, 0.15°N, in order to change the satellite's coverage area. Intelsat has filed a modification application to support this platform bias.³

Intelsat 901 is permanently licensed to operate at 27.5° W.L., with a different platform bias than the beam coverage proposed herein, as part of a combined vehicle stack ("CVS") with MEV-1 (Call Sign S2990).⁴ The CVS is currently at 27.5° W.L. to replace Intelsat 907 (Call Sign S2411), which began deorbiting on May 18, 2020.⁵ The requested platform bias will provide better coverage for the customers formerly on Intelsat 907 after their transition to Intelsat 901.

The satellite is operating on a bias of 0.60°W, 0.15°N in order to achieve the new coverage. Intelsat 901 will operate in the following:

- telemetry, tracking, and control ("TT&C") frequencies: 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, and 3952.5 MHz (space-to-Earth); and 6173.7 MHz and 6176.3 MHz (Earth-to-space);⁶ and

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 *Satellite Policy Branch Information; Actions Taken*, Report No. SAT-01457, File No. SAT-STA-20200310-00025 (Apr. 3, 2020) (Public Notice).

³ See *Satellite Policy Branch Information; Space Station Applications Accepted for Filing*, Report No. SAT-01465, File No. SAT-MOD-20200402-00030 (May 15, 2020) (Public Notice).

⁴ See *Policy Branch Information; Actions Taken*, Report No. SAT-01397, File No. SAT-MOD-20190207-00009 (Jun. 21, 2019) (Public Notice).

⁵ Intelsat is deorbiting Intelsat 907 after transferring its traffic to Intelsat 901.

⁶ While part of the CVS, Intelsat 901 will not engage in any station-keeping or attitude control maneuvers. Space Logistics LLC, under the direction of Intelsat, will use the following TT&C
Intelsat US LLC

- communications frequencies: 3625-4200 MHz, 10950-11200 MHz, and 11450-11700 MHz (space-to-Earth); and 5850-6425 MHz and 14000-14500 MHz (Earth-to-space).

The continued operations over the new coverage area will conform to existing coordination agreements and the Federal Communication Commission's rules governing operations vis-à-vis adjacent locations.

The platform bias of Intelsat 901 will allow Intelsat to replace Intelsat 907, which is authorized to operate at 27.5° W.L. with similar coverage areas as requested herein. The replacement of Intelsat 907 ensures customer service continuity at 27.5° W.L. and, accordingly, is in the public interest.

Please direct any questions regarding this STA extension request to the undersigned at (703) 559-6949.

Sincerely,

/s/ Cynthia J. Grady
Cynthia J. Grady
Senior Counsel
Intelsat US LLC

cc: Jay Whaley
Jennifer Balatan