



File # SAT-STA-20200310-00025

Call Sign 52405 Grant Date March 27, 2020
(or other identifier)

Approved by OMB
3060-0678

Term Dates

From March 24, 2020 To: 60 Days

Approved: [Signature]

John W. Whaley
Acting Chief
Satellite Policy Branch

Date & Time Filed: Mar 10 2020 10:54:23:360AM
File Number: SAT-STA-20200310-00025
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 60-day Grant of Special Temporary Authority to Operate Intelsat 901 with a New Platform Bias

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-20200310-00025

IBFS File No(s):	SAT-STA-20200310-00025	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:	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	
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-20200310-00025

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.

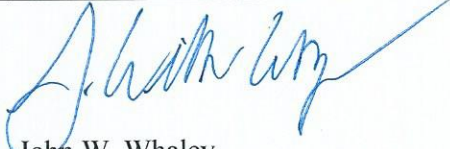
This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.

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:	March 27, 2020
---------------------	----------------

Term Dates	From: March 29, 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 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 grant of Special Temporary Authority for 60 days, commencing March 27, 2020, 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.					
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. <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Attachment 1: STA Request</td> <td style="width: 50%;">Attachment 2:</td> </tr> <tr> <td colspan="2">Attachment 3:</td> </tr> </table>		Attachment 1: STA Request	Attachment 2:	Attachment 3:	
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.



March 10, 2020

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

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

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests grant of Special Temporary Authority ("STA")¹ for 60 days, commencing March 27, 2020, 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 will be seeking a permanent modification to support this platform bias.

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).² The CVS is currently being reinserted into geostationary orbit at 27.5° W.L. to replace Intelsat 907 (Call Sign S2411).³ The requested platform bias will provide better coverage for the customers currently on Intelsat 907 when they are transitioned to Intelsat 901.

Pursuant to a grant of authority from the Federal Communications Commission ("FCC"), the satellite will be biased to 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);⁴ 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 *Policy Branch Information; Actions Taken*, Report No. SAT-01397, File No. SAT-MOD-20190207-00009 (Jun. 21, 2019) (Public Notice).

³ Intelsat plans to deorbit Intelsat 907 after transferring its traffic to Intelsat 901.

⁴ 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 frequencies for CVS station-keeping and attitude control maneuvers: 3944.5 MHz and 3955.5 MHz (space-to-Earth); 6170.0 MHz and 6180.0 MHz. See n. 2.

Ms. Marlene Dortch
March 10, 2020
Page 2

- 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 proposed operations over the new coverage area will conform to existing coordination agreements and the FCC's rules governing operations vis-à-vis adjacent locations.

The proposed platform bias of Intelsat 901 will allow Intelsat to replace Intelsat 907, which currently operates 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 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