

Intelsat License LLC

Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for STA to Utilize a 9.2m Ka-band Antenna at Intelsat's Riverside Teleport

I. Applicant

Name:	Intelsat License LLC	Phone Number:	703-559-7848
DBA Name:		Fax Number:	703-559-8539
Street:	c/o Intelsat Corporation 7900 Tysons One Place	E-Mail:	susan.crandall@intelsat.com
City:	McLean	State:	VA
Country:	USA	Zipcode:	22102 -5972
Attention:	Susan H. Crandall		

30 days
"With conditions"



File # SES-STA-20150414-00217

Call Sign N/A Grant Date 05/12/2015
(or other identifier)

Term Dates
From 05/20/2015 To: 09/18/2015


Approved: *[Signature]*

Applicant: Intelsat License LLC
File No.: SES-STA-20150414-00217
Call Sign: None
Special Temporary Authority (STA)

Intelsat License LLC ("Intelsat") is granted a Special Temporary Authority (STA), for 30 days, beginning May 20, 2015, to utilize a 9.2 m Ka-band antenna located at its Riverside, California teleport, to provide launch and early orbit phase (LEOP) services for DIRECTV-15 satellite to its in-orbit test location at 66.8° W.L. under the following conditions:

1. Uplink (Earth-to-space) frequencies to DIRECTV-15 satellite are 29502.5 MHz and 29505.9 MHz (LHCP & RHCP) center frequencies within coordinated emission and power limits.
2. Downlink (space-to-Earth) frequencies from DIRECTV-15 satellite are 20198.5 MHz and 20199.5 MHz (LHCP & RHCP) center frequencies.
3. The LEOP operations must be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs. Currently the 24x7 contact information for the DIRECTV-15 satellite LEOP mission is as follows: Ph.: (703) 559-7701 –East Coast Operations Center (primary); (310) 525-5591- West Coast Operations Center (back-up). Requests to speak with Harry Burnham or Kevin Bell.
4. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Intelsat's KA258 shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
5. In the event of any harmful interference as a result of operations under this grant of STA, Intelsat shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
6. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License LLC's risk.

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

 GRANTED International Bureau	File # <u>SES-STA-20150414-00217</u>
	Call Sign <u>NA</u> Grant Date <u>5/12/2015</u> (or other identifier)
	Term Dates From <u>5/20/2015</u> To: <u>06/18/2015</u>
	Approved: <u>Paul E. Glass</u>

April 14, 2014

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

Re: Request for Special Temporary Authority
9.2m Ka-band Antenna, Riverside, California

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, commencing May 20, 2015, to utilize a 9.2m Ka-band antenna located at its Riverside, California teleport to provide launch and early orbit phase (“LEOP”) services for the DIRECTV-15 satellite. DIRECTV-15 is expected to be launched on May 20, 2015.² The LEOP period is expected to last approximately 10 days.³

The DIRECTV-15 LEOP operations will be performed in the following frequency bands: 29502.5 MHz and 29505.9 MHz (LHCP & RHCP) in the uplink, and 20198.5 MHz and 20199.5 MHz in the downlink (LHCP & RHCP). The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.⁴ All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

The 24x7 contact information for the DIRECTV-15 LEOP mission is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)
(310) 525-5591 – West Coast Operations Center (back-up)

¹ Intelsat has filed its STA request, an FCC Form 159, a \$195.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² DIRECTV-15 will be in-orbit tested at 66.8° W.L. and the satellite’s permanent orbital location will be 102.75° W.L. The 9.2m Ka-band antenna will not be used to drift the satellite to its permanent location. DIRECTV-15 is a hybrid multi-band satellite, which includes payloads in three frequency bands. DIRECTV Enterprises, LLC has been licensed by the United States for the 17/24 GHz BSS portion of this satellite under call sign S2712 and has applied for a license from the United States for the other payloads. See *DIRECTV Enterprises, LLC*, 24 FCC Rcd. 9393 (2009); *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-01043, File No. SAT-LOA-20140825-00094 (Oct. 3, 2014) (Public Notice).

³ Intelsat is seeking authority for 30 days to accommodate a possible launch delay.

⁴ Airbus, the manager of the DIRECTV-15 LEOP mission, will handle the coordination.

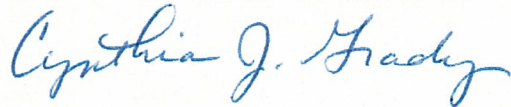
Ms. Marlene H. Dortch
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Request to speak with Harry Burnham or Kevin Bell.

Grant of this STA request will allow Intelsat to help launch the DIRECTV-15 satellite. This, in turn, will help provide additional capacity at the 102.75° W.L. orbital location and thereby promotes the public interest.

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

Respectfully submitted,

A handwritten signature in blue ink that reads "Cynthia J. Grady". The signature is written in a cursive style.

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais

2. Contact			
Name:	Susan H. Crandall	Phone Number:	703-559-7848
Company:	Intelsat Corporation	Fax Number:	703-559-8539
Street:	7900 Tysons One Place	E-Mail:	susan.crandall@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?			
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).			
<input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee			
<input type="radio"/> Other (please explain):			
4b. Fee Classification CGX - Fixed Satellite Transmit/Receive Earth Station			
5. Type Request			
<input type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other			
6. Requested Use Prior Date			
7. City/Nuevo			
8. Latitude (dd mm ss.s h) 33 47 42.7 N			

9. State CA	10. Longitude (dd mm ss.s h) 117 5 22.5 W
11. Please supply any need attachments. Attachment 1: STA Request Attachment 2: Attachment 3:	
12. 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 30 days, commencing May 20, 2015, to utilize a 9.2m Ka-band antenna located at its Riverside, California teleport to provide launch and early orbit phase services for the DIRECTV-15 satellite. DIRECTV-15 is expected to be launched on May 20, 2015.	
13. 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"; party to the application; for these purposes. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing Cynthia J. Grady	15. Title of Person Signing Regulatory Counsel, Intelsat Corporation
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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