

APPLICATION FOR STATION SPECIAL TEMPORARY AUTHORITY

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

1. Applicant

Name:	Intelsat North America LLC	Phone Number:	202-944-7848
DBA Name:		Fax Number:	202-944-7870
Street:	c/o Intelsat Corporation 3400 International Drive, N.W.	E-Mail:	susan.crandall@intelsat.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20008 -3006
Attention:	Susan H Crandall		

With Condition



File # SES-STA-20100719-00923

Call Sign KA958 Grant Date 7/22/2010
(or other identifier)

Term Dates
From 7/2/2010 To: 7/28/2010

Approved: Jeanette D. Spriggs

Attachment

SES-STA-20100719-00923
KA258

Condition:

The 17.8 - 20.2 GHz band is shared with U.S. Government space stations and associated earth stations in the fixed-Satellite Services. Services within the United States over the satellite network of which this is a cooperating earth station are subject to coordination under USS334 and operation of the earth station(s) authorized herein will be subject to any technical constraints resulting from this coordination.

With Condition



File # SES-STA-20100719-00923

Call Sign KA258 Grant Date 7/22/2010
(or other identifier)

From 7/2/2010 To: 7/28/2010
Term Dates

Approved: Janette H. Spragg

2. Contact	
Name: Intelsat North America LLC	Phone Number: 202-944-7848
Company:	Fax Number: 202-944-7870
Street: c/o Intelsat Corporation 3400 International Drive, N.W.	E-Mail: susan.crandall@intelsat.com
City: Washington	State: DC
Country: USA	Zipcode: 20008 -3006
Attention: Susan H. Crandall	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. CityNuevo	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.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">Intelsat North America LLC herein requests an additional seven day extension -- through July 28, 2010 -- of the Special Temporary Authority previously granted Intelsat to test a new 9.2m Ka-band antenna located at its existing Riverside, CA teleport.</div>	
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"; for these purposes. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing Susan H. Crandall	15. Title of Person Signing Asst. General 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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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.

July 19, 2010

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



Re: Request for Further Extension of STA to Operate a New 9.2m Ka-band
Antenna at IntelSAT's Riverside Teleport

Dear Ms. Dortch:

IntelSAT North America LLC ("IntelSAT") herein requests an additional seven-day extension -- through July 28, 2010 -- of the Special Temporary Authority ("STA")¹ previously granted IntelSAT to test a new 9.2m Ka-band antenna located at its existing Riverside, CA teleport.²

As noted in previous extension requests, late delivery of critical antenna sub-components delayed final performance tests of this antenna. Customer demonstrations currently are scheduled for July 20-21. So as to ensure it has the ability to address issues that may come up during those demonstrations, however, IntelSAT is herein seeking a seven-day further extension of its STA. IntelSAT does not expect to seek further extension beyond the July 28, 2010 date sought herein.

As originally requested, IntelSAT will transmit in the 29500-30000 MHz bands and receive in the 19700-20200 MHz bands. Also as originally requested, the antenna will communicate with Galaxy 28 at 89° W.L. during tests for IntelSAT's customer. Galaxy 28 will be utilized for antenna gain patterns

¹ IntelSAT has filed its STA request, an FCC Form 159, a \$175.00 filing fee and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

² See *Satellite Communications Services Information: Actions Taken*, Report No. SES-01231, File No. SES-STA-20091204-01561 (Mar. 31, 2010) (Public Notice); *IntelSAT North America LLC Request for Extension of STA to Operate a New 9.2m Ka-band Antenna at IntelSAT's Riverside Teleport*, File No. SES-STA-20100416-00449 (stamp grant issued by Shahnaz Ghayami on Apr. 22, 2010); *Satellite Communications Services Information: Actions Taken*, Report No. SES-01249, File No. SES-STA-20100517-00601 (June 2, 2010) (Public Notice); *Satellite Communications Services Information: Actions Taken*, Report No. SES-01258, File No. SES-STA-20100616-00707 (Jul. 7, 2010) (Public Notice).

Ms. Marlene H. Dortch

July 19, 2010

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verification – transmit and receive in both azimuth and elevation in both polarizations (linear and circular) -- and for cross-polarization patterns verification.

In support of this further extension request, Intelsat incorporates by reference the materials submitted with its original STA request to test this antenna – specifically, the detailed technical information (in Exhibits A-D) that demonstrates that the operation of the earth station at 89° W.L. during testing will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating facility. In the extremely unlikely event that harmful interference should occur, Intelsat will take all reasonable steps to eliminate the interference.

For the reasons set forth herein, Intelsat respectfully requests that the Commission grant this further extension request.

Sincerely,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Kathryn Medley
Shahnaz Ghavami
Jeanette Spriggs