

SES-STA-20121211-01091  
Intelsat License LLC

IB2012002835

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 Extension of STA to Operate a 9.2m Ka-band Antenna at Intelsat's Riverside Teleport

1. Applicant

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



*"With conditions"*  
File# SES-STA-20121211-01091  
Call Sign N/A Grant Date 12/19/2012  
(or other identifier)  
Term Dates  
From 12/19/2012 To: 01/17/2013  
Approved: Paul E. Davis

Applicant: Intelsat License LLC  
Call sign: No Call Sign  
File number: SES-STA-20121211-01091  
Special Temporary Authority (STA)

Intelsat License LLC is granted an extension of the current STA SES-STA-20121102-00986, under the following conditions, for a 30-day period to use its teleport site at Nuevo, California to test the proposed 9.2 meter General Dynamics model 9.2m KaFMA antenna in anticipation of using the antenna to access Ka-band satellite Galaxy 28 at orbital location 89° W.L.

1. The testing carrier 20K9D will be performed on the uplink frequencies: 29.625 GHz (H,V,L,R) and 29.791 GHz (H,V,L,R) and on the downlink frequencies: 19.825 GHz (H,V,L,R) and 19.991 GHz (H,V,L,R) within coordinated emission and power limits.
2. Operations under this authority are on a non-interference basis only.
3. Operations under this authority are on a non-protected basis only.
4. In the event that there is a report of interference, Intelsat Licensee LLC must immediately terminate transmissions and notify the FCC in writing.
5. This is granted without prejudice to any future FCC enforcement action in connection with any unauthorized operation of radio facilities.
6. Pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. § 1.62, continued operation of this station with Galaxy 28 at orbital location 89° W.L under previously granted STA file number SES-STA-20121102-00986 with grant date of November 9, 2012 continued in effect until grant of this authorization.
7. This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. §0.261, and is effective immediately.



File # SES-STA-20121211-01091

Call Sign N/A Grant Date 12/19/2012  
(or other identifier)

Term Dates  
From 12/19/2012 To: 01/17/2013

Approved: Paul E. Hall

*"with conditions"*

December 11, 2012

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



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

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a 30-day extension – through January 13, 2013 – of the Special Temporary Authority (“STA”) <sup>1</sup> previously granted to allow Intelsat to utilize a 9.2m Ka-band antenna located at its Riverside, CA teleport for testing with Intelsat’s Galaxy 28 satellite at 89.0° W.L.<sup>2</sup> Intelsat seeks this extension because the testing has not been completed.

The testing will continued to be performed in the following frequencies: 29.625 GHz (L) and 29.791 GHz (R) (uplink) and 19.825 GHz (R) and 19.991 GHz (L) (downlink). The maximum uplink EIRP per carrier will be 69.2 dBW. Intelsat has coordinated the proposed transmissions with the operators of all co-frequency, co-coverage satellites within plus/minus six degrees of 89.0° W.L. Specifically, Intelsat has coordinated the proposed transmissions with Telesat Canada, the operator of the Nimiq 1 satellite at 91.0° W.L. In the extremely unlikely event that harmful interference should occur, Intelsat will take all reasonable steps to eliminate the interference.

In further support of this request, Intelsat incorporates herein by reference the relevant technical parameters set forth in FCC Form 312, Schedule B, which was included as Exhibit A in the original STA request. In addition, Intelsat incorporates by reference the radiation hazard report and antenna gain patterns previously submitted for this antenna.<sup>3</sup>

Grant of this STA extension request will enable Intelsat to continue to test the 9.2m antenna in anticipation of utilizing the antenna for IOT of a Ka-band

<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$180.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

<sup>2</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01502, File No. SES-STA-20121102-000986 (Nov. 14, 2012) (Public Notice).

<sup>3</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01231, File No. SES-STA-20091204-01561 (Mar. 31, 2010).

Ms. Marlene H. Dortch  
December 11, 2012  
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satellite to be launched in the near future. This testing therefore will serve the public interest by potentially assisting in providing additional broadband service to consumers in the United States.

Please direct any questions regarding this STA extension request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Paul Blais

<b>2. Contact</b>	
<b>Name:</b> Susan H. Crandall	<b>Phone Number:</b> 202-944-7848
<b>Company:</b> Intelsat Corporation	<b>Fax Number:</b> 202-944-7870
<b>Street:</b> 3400 International Drive, N.W.	<b>E-Mail:</b> susan.crandall@intelsat.com
<b>City:</b> Washington	<b>State:</b> DC
<b>Country:</b> USA	<b>Zipcode:</b> 20008 -3006
<b>Attention:</b> Susan H. Crandall	<b>Relationship:</b> 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.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">Intelsat License LLC herein requests a 30-day extension, through January 13, 2013, of the Special Temporary Authority previously granted to allow Intelsat to utilize a 9.2m Ka-band antenna located at its Riverside, CA teleport for testing with the Intelsat Galaxy 28 satellite at 89.0 W.L.</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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