

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
180-Day STA Extension to Continue Testing 1.2m SeaTel Antenna at Napa, CA

1. Applicant

Name:	Intelsat License 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		



6 months "with conditions"

File# SES-STA-20111215-01454

Call Sign N/A Grant Date 01/20/2012
(or other identifier)

Term Dates
From 01/20/2012 To: 07/18/2012

Approved: Paul E Black

Conditions:
Applicant: Intelsat License LLC
File Number: SES-STA-20111215-01454

Intelsat License LLC (Intelsat) is granted, under the following conditions, Special Temporary Authority for 180 days, from 01/20/2012 through 07/18/2012, to operate an Earth terminal as described in Exhibit A of the SES-STA-20110510-00570 filing. Based on the following conditions:

1. Grant authorized to operate a 1.2 meter Ku-band antenna located at Intelsat Napa, California teleport with Galaxy-16 on 14002-14038 MHz (uplink) at eirp density of -25.8 dBW/4 kHz (or not to exceed 47 CFR 25.218 limits) and 11702-11738 MHz (downlink).
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. Pursuant to Section 1.62 of the Commission's rules, continued operation of this station with Galaxy-16 under SES-STA-20110510-00570 granted to 12/21/2011 continued in effect until grant of this authorization.


6 months "with conditions"

File # SES-STA-20111215-01454

Call Sign N1R Grant Date 01/20/2012
(or other identifier)

Term Dates
From 01/20/2012 To 07/18/2012

Approved: [Signature]



The stamp features the FCC seal on the left, which includes the text "FEDERAL COMMUNICATIONS COMMISSION" and "U.S. DEPARTMENT OF COMMERCE". To the right of the seal, the word "GRANTED" is printed in large, bold, capital letters, with "International Bureau" printed below it.

December 15, 2011

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
Napa, California C/Ku-band Earth Station Testing

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 180-day extension – from December 22, 2011 through June 18, 2012 -- of the Special Temporary Authority¹ previously granted Intelsat to test a 1.2 meter Ku-band antenna.² Specifically, Intelsat intends to continue communicating with its Galaxy 16 satellite at 99.0° W.L. in the following frequencies: 14002-14038 MHz (uplink) and 11702-11738 MHz (downlink). During the testing, the antenna will continue to be located at Intelsat’s Napa, California teleport.

Intelsat seeks further testing of the feasibility of the antenna for certain services. Because the further testing will assist Intelsat in meeting customer demand for service, grant of this STA extension request is in the public interest. Intelsat does not anticipate seeking further extension beyond the extension sought herein.

In support of this extension request, Intelsat incorporates by reference Exhibit A of its initial STA request, which contains information showing that the operation of the earth station 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.

¹ Intelsat has filed this STA request, an FCC Form 159, a \$180.00 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-01360, File No. SES-STA-20110510-00570 (June 29, 2011) (Public Notice). The Ku-band antenna that is being tested is mounted on the back of a 2.4 meter C-band antenna, with a switchable feed.

Ms. Marlene H. Dortch
December 15, 2011
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Please direct any questions regarding this STA extension request to the undersigned at (202) 944-7848.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Susan H. Crandall", written in a cursive style.

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Paul Blais

2. Contact

Name:	Susan H. Crandall	Phone Number:	202-944-7848
Company:	Intelsat Corporation	Fax Number:	202-944-7870
Street:	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?

- 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 CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant Change Station Location Other

6. Requested Use Prior Date

7. CityNapa

8. Latitude
(dd mm ss.s h) 38 14 24.0 N

9. State CA	10. Longitude (dd mm ss.s h) 122 16 48.0 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 an additional 180-day extension, from 12/22/2011 through June 18, 2012, of the Special Temporary Authority previously granted Intelsat to test a 1.2 meter Ku-band antenna.</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. Gen. 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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