

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

PN: 10-5-11
"180 days"
STA

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
180-Day STA to Test a 2.4m C-band 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		



"With conditions"
File# SES-STA-20110725-00857
Call Sign N/A **Grant Date** 11/04/2011
(or other identifier)
Term Dates
From 11/04/2011 **To:** 05/03/2012
Approved: Paul E. Blair

Conditions:

Applicant: Intelsat License LLC

File Number: SES-STA-20110725-00857

Intelsat License LLC ("Intelsat") is granted, under the following conditions, Special Temporary Authority for 180 days, from 11/04/2011 through 05/02/2012, to operate as described in SES-STA-20110725-00857, to test a 2.4 meter C-band antenna by communicating with its Intelsat 701 satellite at 180.0° E.L. in the following frequencies, 6342-6378 MHz (uplink, circular polarization) and 4117-4153 MHz (downlink, circular polarization), from Intelsat teleport in Napa, California.

1. Operations under this authority are on a non-interference basis only.
2. Operations under this authority are on a non-protected basis only.



"With conditions"

File # SES-STA-20110725-00857

Call Sign N/A Grant Date 11/04/2011
(or other identifier)

From 11/04/2011 Term Dates To: 05/02/2012

Approved: Paul E. Hara

July 25, 2011

Ms. Marlene H. Dortch
Secretary

Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554



Re: Request for Special Temporary Authority
Napa, California C/Ku-band Earth Station Testing

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority¹ for 180 days to test a 2.4 meter C-band antenna.² Specifically, Intelsat intends to communicate with its Intelsat 701 satellite at 180.0° E.L. in the following frequencies: 6342-6378 MHz (uplink, circular polarization) and 4117-4153 MHz (downlink, circular polarization).³ During the testing, the antenna will be located at Intelsat’s Napa, California teleport.

Intelsat seeks to test the feasibility of the antenna for certain services. Because the proposed testing will assist Intelsat in meeting customer demand for service, grant of this STA request is in the public interest.

In support of this request, Intelsat is attaching Exhibits A-E, which contain technical information that demonstrates 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 The C-band antenna that will be tested is mounted on the front of a 2.4 meter C-/Ku-band antenna, with a switchable feed. Intelsat has separate authority to utilize the Ku-band antenna portion of this combined device. See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01360, File No. SES-STA-20110510-00570 (June 29, 2011) (Public Notice).

³ Intelsat is simultaneously filing a 30-day STA request in order to begin testing on August 15, 2011.

Ms. Marlene H. Dortch
July 25, 2011
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Please direct any questions regarding this STA request to the undersigned at
(202) 944-7848.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "S. 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 42.0 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: Exhibits A – E 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 grant of Special Temporary Authority for 180 days to test a 2.4 meter C-band antenna. Specifically, Intelsat intends to communicate with its Intelsat 701 satellite at 180.0 E.L. in the 6342-6378 MHz (uplink, circular polarization) and 4117-4153 MHz (downlink, circular polarization) frequencies.</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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