

SES-STA-20110725-00856 IB2011003608
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:
30-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		

30 days

"with conditions"



File# SES-STA-20110725-00856

Call Sign N1HA Grant Date 08/12/2011
(or other identifier)

From 08/15/2011 Tax 09/13/2011

Approved: [Signature]

Conditions of Grant of SES-STA-20110725-00856

Intelsat License LLC ("Intelsat") is granted Special Temporary Authority for 30 days, from August 15, 2011 through September 13, 2011, 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's Napa, California teleport under the following conditions:

1. Operations will comply with SEATEL Certification of antenna EIRP conformance with 25.221 which meets 25.220 requirements for the land based operation, the radiation hazard report, and the COMSEARCH coordination report.
2. Operations shall be on a non-interference and non-protected basis.
3. Personnel must be protected from radiations hazards at all times.
4. Future authorizations for non-conforming C-band antennas must include:
 - a. the antenna gain pattern as required by 25.220 and the 25.115(h) tables or;
 - b. the antenna gain pattern as required by 25.220 and requesting a waiver of the 25.115(h) requirements based on a sound technical argument that demonstrates compliance with 25.218 eirp off axis EIRP envelopes, or;
 - c. referencing a non-conforming antenna that has all the information required and has already been granted.


30 days "with conditions"

File # SES-STA-20110725-00856

Call Sign N1A Grant Date 08/12/2011
(or other identifier)

Term Dates
From 08/15/2011 To 09/13/2011

Approved: Paul E. Blasco



The image shows a red ink stamp from the Federal Communications Commission (FCC). On the left is the circular seal of the Federal Communications Commission, featuring a central shield with a scale of justice and a sword, surrounded by the words "FEDERAL COMMUNICATIONS COMMISSION". Below the seal, the word "GRANTED" is printed in large, bold, capital letters, with "International Bureau" printed in smaller capital letters underneath. To the right of the seal, the following information is stamped in red ink: "File # SES-STA-20110725-00856", "Call Sign N1A Grant Date 08/12/2011 (or other identifier)", "Term Dates From 08/15/2011 To 09/13/2011", and "Approved: Paul E. Blasco".

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?	
<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/Napa	8. Latitude (dd mm ss.s h) 38 14 42.0 N

9. State CA	10. Longitude (dd mm ss.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.) IntelSat License LLC herein requests a grant of Special Temporary Authority for 30 days, from August 15, 2011 through September 13, 2011, 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,	
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).	

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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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.

12. Description

Intelsat License LLC herein requests a grant of Special Temporary Authority for 30 days, from August 15, 2011 through September 13, 2011, 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.

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 30 days, from August 15, 2011 through September 13, 2011, 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). 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.

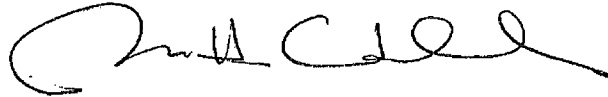
¹ Intelsat has filed this STA request, an FCC Form 159, a \$180.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

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).

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 "Susan H. Crandall". The signature is fluid and cursive, with a large initial "S" and "C".

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Paul Blais