

SES-STA-20110908-01049 IB2011004210
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 Extension 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-STAR-20110908-01049
Call Sign N/A Grant Date 09/12/2011
(or other identifier)
Term Dates
From 09/14/2011 To 10/13/2011
Approved Paul E Nash

Conditions of Grant of SES-STA-20110908-01049

Intelsat License LLC ("Intelsat") is granted Special Temporary Authority for 30 days, from September 14, 2011 through September October 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"



GRANTED
International Bureau

File # SES-STA-20110908-01049

Call Sign N/A Grant Date 09/12/2011
(or other identifier)

Term Dates
From 09/14/2011 To 10/13/2011

Approved: Paul Etker

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;"> Intelsat License LLC herein requests a 30-day extension, from September 14, 2011 through October 13, 2011, of the Special Temporary Authority previously granted Intelsat to test a 2.4 meter C-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. <p style="text-align: right;"> <input checked="" type="radio"/> Yes <input type="radio"/> No </p>	
14. Name of Person Signing Susan H. Crandall	15. Title of Person Signing Asst. Gen. Counsel, Intelsat Corporation
<p style="text-align: center;"> 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). </p>	

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.

September 8, 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 a 30-day extension -- from September 14, 2011 through October 13, 2011 -- of the Special Temporary Authority ("STA")¹ previously granted Intelsat to test a 2.4 meter C-band antenna.² Specifically, Intelsat intends to continue 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). 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 proposed testing will assist Intelsat in meeting customer demand for service, grant of this STA extension request is in the public interest.

In support of this extension request, Intelsat incorporates by reference Exhibits A-E of its initial STA request, 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.

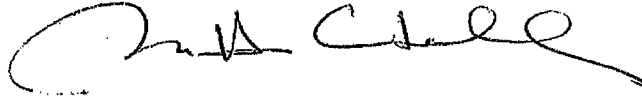
¹ Intelsat has filed this STA request, an FCC Form 159, a \$180.00 filing fee and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

² The C-band antenna currently being tested is mounted on the front of a 2.4 meter C-/Ku-band antenna, with a switchable feed. *See email grant from Paul Blais*, File No. SES-STA-20110725-00856 (Aug. 12, 2011). 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
September 8, 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". The signature is fluid and cursive, with a large initial "S" and "C".

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Paul Blais