

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 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		

"30 days" with condition



File # SES-STA-20110510-00569
Call Sign N/A Grant Date 05/24/2011
(or other identifier)
Term Dates
From 05/25/2011 To 06/23/2011
Approved: David E. Hester

Grant Conditions:
Intelsat License LCC
SES-STA-20110510-00569

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 not to exceed 47 CFR 25.218 limits and 11702-11738 MHz (downlink) from May 25, 2011 through June 23, 2011 to test the 1.2 meter antenna.

30 days with condition



File# SES-STA-20110510-00569

Call Sign N/A Grant Date 05/24/2011
(or other identifier)

Term Dates
From 05/25/2011 To 06/23/2011

Approved: *Paul E. Harris*

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. City/Napa	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: Exhibit A 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 May 25, 2011 through June 23, 2011, to test a 1.2 meter Ku-band antenna located at its Napa, California teleport. Specifically, Intelsat intends to use this antenna to communicate with its Galaxy 16 satellite at 99.0 W.L.			
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. ☒ Yes ☐ 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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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.

May 10, 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 May 25, 2011 through June 23, 2011, to test a 1.2 meter Ku-band antenna.² Specifically, Intelsat intends to communicate 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 be located at Intelsat's Napa, California teleport.

Intelsat seeks to test the feasibility of the antenna for certain services and to conduct some of the testing during an upcoming customer marketing event. 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 Exhibit A, 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. Specifically, Annex 1 and Section a) of Annex 2 of Exhibit A provide the characteristics of the proposed transmissions. The transmitted eirp density of -25.8 dBW/4 kHz will be less than the value of -14 dBW/4kHz at which the antenna complies with Section 25.218 of the FCC's rules, according to the statement provided by the antenna manufacturer and reproduced in Section b), Annex 2 of Exhibit A. The radiation levels generated by the antenna will be within safety limits, according to a statement provided by the antenna manufacturer and reproduced in Section c), Annex 2 of Exhibit A. In the extremely unlikely event that

¹ Intelsat has filed this STA request, an FCC Form 159, a \$175.00 filing fee and this supporting letter electronically via the International Bureau's Filing System ("IBFS").

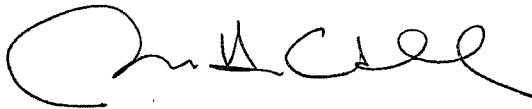
² The Ku-band antenna that will be tested is mounted on the back of a 2.4 meter C-band antenna, with a switchable feed. Intelsat intends to seek separate authority to utilize the C-band antenna portion of this combined device.

Ms. Marlene H. Dortch
May 10, 2011
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harmful interference should occur, Intelsat will take all reasonable steps to eliminate the interference.

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', written in a cursive style.

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Paul Blais