

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 1.0m SuperTrack Z10MK2 Ku-band Antenna

1. Applicant

Name: Intelsat License LLC Phone Number: 202-944-7848
DBA Name: Fax Number: 202-944-7870
Street: c/o Intelsat Corporation E-Mail: susan.crandall@intelsat.com
3400 International Drive, N.W.
City: Washington State: DC
Country: USA Zipcode: 20008 -3006
Attention: Susan H Crandall

30 days "with conditions"



File # SES-STA-20110627-00746
Call Sign N/A Grant Date 07/26/2011
(or other identifier)
From 07/26/2011 To 08/24/2011
Appropriate Paul E. Helt

Special Temporary Authority Conditions
Intelsat License LLC
SES-STA-20110627-00746

Intelsat License LLC, ("Intelsat") is granted special temporary authority (STA) to operate for 30 days, from July 26, 2011 through August 24, 2011, at its Mountainside teleport in Hagerstown, Maryland a 1.0 m antenna in the frequencies 14000-14500 MHz (uplink) and 11700-12200 MHz with its Galaxy 25 satellite at 93.0° W.L. and with its Horizons 2 satellite at 74.0° W.L. to test the antenna to verify that it can be used for certain services offered by Intelsat. This authorization is granted subject to the following conditions:

(a) Operations must comply with input power limitations defined in 47 C.F.R 25.134 and off axis equivalent isotropically radiated power (e.i.r.p.) limitations defined in 47 C.F.R. 25.218 (f).

(b) No harmful interference can be caused to any lawfully operating satellite network or radio communication system and Intelsat operations must cease immediately upon notification of harmful interference. Further, Intelsat shall notify the Commission in writing that it has received such a notification within 14 days of receipt.

(c) Intelsat must accept interference from any lawfully operating satellite network or radio communication system.

(d) Further requests authorizations for this type of antenna for VSAT networks must comply with 25.115(h) filing requirements.



File# SES-STA-20110627-00746

Call Sign N/A Grant Date 07/26/2011
(or other identifier)

Term Dates
From 07/26/2011 To 08/24/2011

Approved: Paul E. Blalock

June 27, 2011



Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Request for Special Temporary Authority
Hagerstown, Maryland Ku-band Earth Station Testing

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests a grant of Special Temporary Authority¹ for 30 days, from July 25, 2011 through August 24, 2011, to test a 1.0 meter Ku-band antenna. Specifically, Intelsat intends to communicate with its Galaxy 25 satellite at 93.0° W.L. and with its Horizons 2 satellite at 74.0° W.L. in the frequencies 14000-14500 MHz (uplink) and 11700-12200 MHz (downlink). During the testing, the antenna will be located at Intelsat's Mountainside teleport in Hagerstown, Maryland.

Intelsat seeks to test the antenna to verify that it can be used for certain services offered by Intelsat. Because the proposed testing will assist Intelsat in meeting customer demand for service, grant of this STA request is in the public interest. The testing currently is expected to be completed in one month.

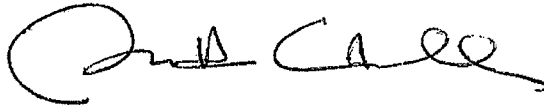
In support of this request, Intelsat is attaching Exhibit A, which reflects the transmission parameters of the proposed operations. In addition, Intelsat is attaching Exhibits B and C, which contain information showing that the operation of the earth station will be compatible with its electromagnetic 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").

Ms. Marlene H. Dortch
June 27, 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 written in a cursive style with a large initial "S" and "C".

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. City Hagerstown

8. Latitude
(dd mm ss.s h) 39 42 0.0 N

9. State MD	10. Longitude (dd mm ss.s h) 77 43 48.0 W
11. Please supply any need attachments. Attachment 1: STA Request Attachment 2: Exhibits A – C 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 Special Temporary Authority for 30 days commencing July 25, 2011 to test a 1.0 meter Ku-band antenna at its MountainSide teleport.	
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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