

SES-STA-20110818-00978  
INTELSAT LICENSE LLC

IE2011004019

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 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 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 day with conditions*

File # SES-STA-20110818-00978

Call Sign N1A *Grand Date* 09/12/2011  
(or other identifier)

From 09/21/2011 To 09/23/2011

Approved: *Paul S. Hayes*

Special Temporary Authority Conditions  
Intelsat License LLC  
SES-STA-20110818-00978

Intelsat License LLC, ("Intelsat") is granted special temporary authority (STA) to operate for 30 days, from September 12, 2011 through September 23, 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.

Operation of this station from August 25, 2011 to September 12, 2011 was pursuant to Section 1.62 of the Commission's rules based on submission of SES-STA-20110818-00978.

*30 days "with conditions"*



File # SES-STA-20110818-00978

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

Term Dates  
From 09/12/2011 To: 09/23/2011

Approved: Paul E. Baker

August 18, 2011



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

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

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days—from August 25, 2011 through September 23, 2011—of the Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to test a 1.0 meter Ku-band antenna located at Intelsat’s Mountainside teleport in Hagerstown, Maryland.<sup>2</sup> Specifically, Intelsat intends to continue communicating 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).

Intelsat needs to perform additional testing of this 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 extension request is in the public interest. The further testing is expected to be completed within one month.

In support of this request, Intelsat incorporates by reference the exhibits submitted with its original STA request, 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.<sup>3</sup> In the extremely unlikely event that harmful interference should occur, Intelsat will take all reasonable steps to eliminate the interference.

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<sup>1</sup> Intelsat has filed this STA request, an FCC Form 159 and a \$180.00 filing fee electronically via the International Bureau’s Filing System.

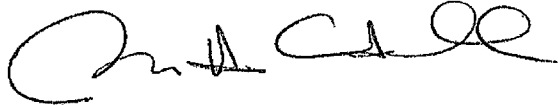
<sup>2</sup> See *Policy Branch Information; Actions Taken*, Report No. SES-01368, File No. SES-STA-20110627-00746 (Jul. 27, 2011) (Public Notice).

<sup>3</sup> See *id.*

Ms. Marlene H. Dortch  
August 18, 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 the first name being the most prominent.

Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Paul Blais



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: 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 an additional 30 days, from August 25, 2011 through September 23, 2011, of the Special Temporary Authority previously granted IntelSAT to test a 1.0 meter Ku-band antenna located at its Mountinside teleport in Hagerstown, Maryland.	
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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