

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Further Extension of STA for Earth Station KA258 to Perform TT&C for the Intelsat 16 Satellite

1. Applicant

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



*With Condition*  
File # SES-STA-20100608-00680  
Call Sign KA258 Grant Date 6/11/2010  
(or other identifier)  
Term Dates  
From 6/12/2010 To: 7/12/2010  
Approved: Jeannette D. Spruzo

Attachment

SES-STA-20100608-00680  
KA258

Condition:

All operations shall be on an unprotected and non-harmful interference basis, i.e., Intelsat North America LLC, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.

*With Condition*

File # SES-STA-20100608-00680

Call Sign KA258 Grant Date 6/11/2010  
(or other identifier)

Term Dates  
From 6/12/2010 To: 7/12/2010

Approved: Jeanette M. Spruss



<b>2. Contact</b>	
<b>Name:</b> Intelsat North America LLC	<b>Phone Number:</b> 202-944-7848
<b>Company:</b>	<b>Fax Number:</b> 202-944-7870
<b>Street:</b> c/o Intelsat Corporation 3400 International Drive, N.W.	<b>E-Mail:</b> susan.crandall@intelsat.com
<b>City:</b> Washington	<b>State:</b> DC
<b>Country:</b> USA	<b>Zipcode:</b> 20008 -3006
<b>Attention:</b> Susan H. Crandall	<b>Relationship:</b> 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 SESMFS2010012900134 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 Clarksburg	8. Latitude (dd mm ss.s h) 39 13 6.6 N

9. State MD	10. Longitude (dd mm ss.s h) 77 16 15.3 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; margin: 10px 0;">Intelsat North America LLC herein requests a further 30-day extension -- through July 12, 2010 -- of the Special Temporary Authority previously granted Intelsat to use its Clarksburg, Maryland Ku-band earth station -- call sign KA258 -- to provide telemetry, tracking and command services for the Intelsat 16 satellite at its permanent location of</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. <span style="float: right;"><input checked="" type="radio"/> Yes      <input type="radio"/> No</span>	
14. Name of Person Signing Susan H. Crandall	15. Title of Person Signing Asst. General 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.**

## **12. Description**

Intelsat North America LLC herein requests a further 30-day extension -- through July 12, 2010 -- of the Special Temporary Authority previously granted Intelsat to use its Clarksburg, Maryland Ku-band earth station -- call sign KA258 -- to provide telemetry, tracking and command services for the Intelsat 16 satellite at its permanent location of 58.10 W.L.

June 8, 2010

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

Re: Request for Further Extension of Special Temporary Authority  
Clarksburg, Maryland Earth Station KA258

Dear Ms. Dortch:

IntelSat North America LLC ("IntelSat") herein requests a further 30-day extension -- through July 12, 2010 -- of the Special Temporary Authority ("STA")<sup>1</sup> previously granted IntelSat to use its Clarksburg, Maryland Ku-band earth station -- call sign KA258 -- to provide telemetry, tracking and command ("TT&C") services for the IntelSat 16 satellite at its permanent location of 58.10° W.L.<sup>2</sup> IntelSat has a pending application to modify the KA258 license to add 58.10° W.L. as a point of communication.<sup>3</sup>

IntelSat 16 was launched on February 11, 2010 and has commenced operations at 58.10 W.L.<sup>4</sup> The IntelSat 16 TT&C operations will continue to be performed at 58.10° W.L. in the following frequency

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

<sup>2</sup> See Policy Branch Information; Actions Taken, Report No. SES-02227, File No. SES-STA-20100127-00125, (Mar. 17, 2010) (Public Notice); *IntelSat North America LLC Request for Extension of STA*, File No. SES-STA-20100409-00429 (stamp granted issued by Kathryn Medley, Chief, Satellite Engineering Branch, on Apr. 14, 2010); *IntelSat North America LLC Request for Further Extension of STA*, File

No. SES-STA-20100507-00507 (stamp granted issued by Shannaz Ghavami, System Analysis Branch, on June 6, 2010).

<sup>3</sup> See *Satellite Policy Branch Information, Applications Accepted for Filing*, Report No. SES-01239 (Apr. 28, 2010) (Public Notice).

<sup>4</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-00610, File No. SAT-LOA-20080416-00085 (June 5, 2009) (Public Notice); Letter from Susan H. Crandall, IntelSat Corporation, to Marlene H. Dortch, Federal Communications Commission (Mar. 31, 2010) (noting that IntelSat 16 commenced service as of March 19, 2010).

Ms. Marlene H. Dortch  
June 8, 2010  
Page 2

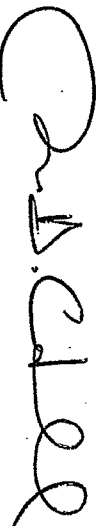
bands: 13997.5 MHz and 14499.5 MHz in the uplink and 12198.25 MHz and 12198.75 MHz in the downlink. Intelsat will continue to operate the TT&C transmissions in conformance with its coordination agreements for the nominal 58.0° W.L. location, as well as with the FCC's rules designed to allow co-frequency operations in a two-degree separation environment.

Operations in the 14499.5 MHz, 12198.25 MHz and 12198.75 MHz frequencies will continue to be consistent with the antenna's licensed parameters. With respect to operations in the 13997.5 MHz frequency, Intelsat herein incorporates by reference the Exhibit A supplied with the original STA request, which contains 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 terrestrial facility.<sup>5</sup> In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

The continued provision of TT&C services to the Intelsat 16 satellite at 58.10° W.L. is critical to ensure the safe station-keeping of the satellite at that location. This, in turn, results in additional capacity at the nominal 58.0° W.L. location and thereby promotes the public interest.

Please direct any questions regarding this STA further extension request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

Cc: Kathryn Medley

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<sup>5</sup> The EIRP levels for transmissions in the 13997.5 MHz frequency will continue to be consistent with the antenna's licensed parameters.