

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for Special Temporary Authority Using Clarksburg, Maryland Earth Station KA275

1. Applicant

<b>Name:</b>	Intelsat License 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		



GRANTED  
International Bureau

SES-STA-20110805-00917  
KA275  
Call Sign KA275 Grant Date 8-19-11  
(or other identifier)  
From 8-26-11 Term Dates 9-24-11  
Appr. Paul E. Hall  
with conditions

Intelsat License LLC  
KA275  
SES-STA-20110805-00917

Intelsat is granted, under the following conditions, Special Temporary Authority for 30 days, from August 26, 2011 through September 24, 2011 to use its Clarksburg, Maryland C-band earth station, call sign KA275, to provide launch and early orbit phase (LEOP) services to the SES-2 satellite at its permanent orbital location 87° W.L. The satellite is expected to be launched on August 26, 2011.

1. Uplink to SES-2 @87° W.L. on 6423.5 MHz within coordinated emission and power limits.
2. Downlink from SES-2 @87° W.L. on 3700.5 MHz and 4199.5 MHz.
3. The LEOP operations must be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs. Currently the 24x7 contact information for the ST-2 LEOP mission is as follows: Ph.: (202) 944-7701 - East Coast Operations Center (primary); (310) 525-5900 - West Coast Operations Center (back-up). Request to speak with Harry Burnham or Kevin Bell Munion.
4. All operations shall be on an unprotected and non-harmful interference basis, Intelsat License LLC, KA275, 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.

**SES-STA-20110805-00917**

**KA275**      **8-19-11**

**Call Sign**      **Grant Date**

**(or other identifier)**

**From**      **Term Dates**

**Approved**      **Appr. by**

**GRANTED**

**Federal Bureau**



*8-20-11*      *8-24-11*

*Mark E. Hales*

**2. Contact**

<b>Name:</b>	Susan H Crandall	<b>Phone Number:</b>	202-944-7848
<b>Company:</b>	Intelsat Corporation	<b>Fax Number:</b>	202-944-7870
<b>Street:</b>	3400 International Drive, N.W.	<b>E-Mail:</b>	3400 International Drive, N.W.
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20006 -
<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 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 Clarksburg

8. Latitude  
(dd mm ss.s h)    39    13    7.4    N

9. State MD	10. Longitude (dd mm ss.s h) 77 16 10.9 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 License LLC herein requests a grant of Special Temporary Authority for 30 days, from August 26, 2011 through September 24, 2011, to use its Clarksburg, Maryland C-band earth station, call sign KA275, to provide launch and early orbit phase services for the SES-2 satellite that is expected to be launched on August 26, 2011.</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. <input checked="" type="radio"/> Yes <input type="radio"/> No	
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).	

**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.**

August 5, 2011

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



Re: Request for Special Temporary Authority  
Clarksburg, Maryland Earth Station KA275

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)<sup>1</sup> for 30 days, from August 26, 2011 through September 24, 2011, to use its Clarksburg, Maryland C-band earth station -- call sign KA275 - - to provide launch and early orbit phase (“LEOP”) services for the SES-2 satellite that is expected to be launched on August 26, 2011.<sup>2</sup> The LEOP period is expected to last approximately 10 days.<sup>3</sup>

The SES-2 LEOP operations will be performed in the following frequency bands: 6423.5 MHz (LHCP) (uplink) and 3700.5 MHz and 4199.5 MHz (RHCP) (downlink). The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

The 24x7 contact information for the SES-2 LEOP mission is as follows:

Ph.: (202) 944-7701 – East Coast Operations Center (primary)  
(310) 525-5900 – West Coast Operations Center (back-up)  
Request to speak with Harry Burnham or Kevin Bell.

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

<sup>2</sup> The permanent orbital location for SES-2 is 87.0° W.L. See *Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00788, File No. SAT-RPL-20110429-00082 and SAT-AMD-20110613-00107 (June 24, 2011) (Public Notice). The satellite will undergo in-orbit testing at 77.25° W.L.

<sup>3</sup> Intelsat is seeking authority through September 24, 2011 to accommodate a possible launch delay.

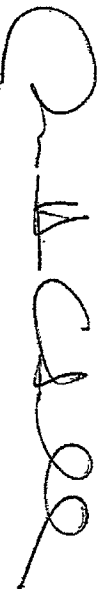
Ms. Marlene H. Dortch  
August 5, 2011  
Page 2

The proposed LEOP operations will be performed in conformance with the antenna's licensed parameters. As such, the proposed LEOP operations are not expected to cause harmful interference into lawfully operating Fixed Service facilities. 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.

Grant of this STA request will allow Intelsat to help launch the SES-2 satellite to the 87.0° W.L. location. This, in turn, will promote the public interest by ensuring continuity of service from that location.

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 'S. Crandall', written in a cursive style.

Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

Cc: Paul Blais