

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
STA for Earth Station KA258 to Provide LEOP for the W7 Satellite Launch

1. Applicant

Name:	Intelsat North America 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		



*With Conditions*

File # SES-STA-20091013-01316

Call Sign KA258 Grant Date 11/19/09  
(or other identifier)

Term Dates  
From launch To: +30 days

Approved: [Signature]

*Chief Satellite Engng Br.*

Attachment

Conditions:

- A) Intelsat shall notify the Commission in writing within 48 hours of commencing operation under this authorization.
- B) All operations are on a non-protected, non-interference basis.
- C) Intelsat shall coordinate its operations with neighboring satellites with  $\pm 6$  degrees of its orbital location.
- D) Intelsat shall immediately cease operations if interference is reported.

With Conditions



File # SES-STA-20091013-01316

Call Sign K1A258 Grant Date 11/19/09  
(or other identifier)

Term Dates  
From Launch To: + 30 days

Approved: [Signature]

Chief Satellite Engng Br.

**2. Contact**

**Name:** Intelsat North America LLC      **Phone Number:** 202-944-7848  
**Company:**      **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      **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/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: Exhibit A Attachment 3: Exhibit B	
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 North America LLC herein requests a grant of STA for 30 days, from November 18, 2009 through December 17, 2009, to use its Clarksburg, Maryland Ku-band earth station, call sign KA258, to provide LEOP services for the W7 satellite that is expected to be launched on November 18, 2009.	
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. <p style="text-align: right;">Yes <input checked="" type="radio"/> No <input type="radio"/></p>	
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.**

October 13, 2009

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 KA258

Dear Ms. Dortch:

Intelsat North America LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA")<sup>1</sup> for 30 days, from November 18, 2009 through December 17, 2009, to use its Clarksburg, Maryland Ku-band earth station -- call sign KA258 -- to provide launch and early orbit phase ("LEOP") services for the W7 satellite that is expected to be launched on November 18, 2009.<sup>2</sup> The LEOP period is expected to last approximately ten days.<sup>3</sup>

The W7 LEOP operations will be performed in the following frequency bands: 14250.0 MHz and 14499.8 MHz (uplink), and 10950.2 MHz and 11701.2 MHz (downlink). The LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.<sup>4</sup> 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 W7 LEOP mission is as follows:

Harry Burnham or Mike Munion  
Ph.: (202) 944-7701

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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> The permanent orbital location for W7 is 36° E.L.

<sup>3</sup> Intelsat is seeking authority through December 17, 2009 to accommodate a possible launch delay.

<sup>4</sup> Telespazio, which is managing the W7 launch mission, will be handling the coordination.

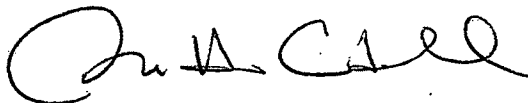
Ms. Marlene H. Dortch  
October 13, 2009  
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In further support of this request, Intelsat is attaching Exhibit A and B, which contain a waiver request, as well as technical information that demonstrates that the operation of the earth station will be 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.

Grant of this STA request will allow Intelsat to help launch the W7 satellite to the 36° E.L. location. This, in turn, will help expand capacity at that location and thereby promote the public interest.

Please direct any questions regarding this STA 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> Intelsat is not submitting a radiation hazard report because the maximum EIRP will be within licensed levels.