


APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for Extension of STA for Hagerstown, Maryland Earth Station KA258

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		




File # SES-STA-20140507-00340  
 Call Sign KA258 Grant Date 5-19-14  
 (or other identifier)  
 Term Dates From 5-19-14 To 6-18-14  
 Approved: [Signature]  
 International Bureau

Applicant: Intelsat License LLC  
Call Sign: KA258  
File No.: SES-STA-20140507-00340  
Special Temporary Authority (STA)

Intelsat License LLC is granted extension of the STA that was previously granted under IBFS File No. SES-STA-20140314-00144, under the following conditions, to use its Hagerstown, Maryland earth station, call sign KA258, to provide launch and early orbit phase (LEOP) services to the French licensed Eutelsat-3B satellite. The satellite's permanent orbital location will be at 3.0 deg E.L. The in-orbit test orbital location will be at 1.7 deg E.L.

1. Uplink to Eutelsat-3B on 14250.0 MHz and 14499.8 MHz (RHCP or LHCP) within coordinated emission and power limits.
2. Downlink from Eutelsat-3B on 11200.2 MHz and 11699.8 MHz (RHCP or LHCP).
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 Eutelsat-3B 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.
4. All operations shall be on an unprotected and non-harmful interference basis, Intelsat License LLC, KA258, 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.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
6. Operations from May 16, 2014 to date of grant was authorized pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. §1.62.
7. This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. §0.261, and is effective immediately.

 <b>GRANTED</b> International Bureau	<b>File #</b> SES-STA-2014 0507-00340	
	<b>Call Sign</b> KA258	<b>Grant Date</b> 5-19-14
	<b>(or other identifier)</b>	<b>Term Dates</b>
	<b>From</b> 5-19-14	<b>To:</b> 6-18-14
	<b>Approved:</b> [Signature]	

<b>2. Contact</b>			
<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>	susan.crandall@intelsat.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20008 -3006
<b>Attention:</b>		<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?			
<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/Hagerstown			
8. Latitude (dd mm ss.s h) 39 35 54.0 N			

9. State	MD	10. Longitude (dd mm ss.s h)	77 45 33.0 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.)			
<p>Intelsat License LLC herein requests an additional 30 days, from May 16, 2014 through June 15, 2014, of the Special Temporary Authority previously granted Intelsat to use its Hagerstown, Maryland Ku-band earth station, call sign KA258, to provide launch and early orbit phase services for the Eutelsat-3B satellite that is expected to be launched on May</p>			
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"; party to the application; for these purposes.			
14. Name of Person Signing Susan H. Crandall		15. Title of Person Signing Assoc. 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 License LLC herein requests an additional 30 days, from May 16, 2014 through June 15, 2014, of the Special Temporary Authority previously granted Intelsat to use its Hagerstown, Maryland Ku-band earth station, call sign KA258, to provide launch and early orbit phase services for the Eutelsat-3B satellite that is expected to be launched on May 26, 2014.

May 7, 2014

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 Earth Station KA258

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 days— from May 16, 2014 through June 15, 2014— of the Special Temporary Authority ("STA")<sup>1</sup> previously granted Intelsat to use its Hagerstown, Maryland Ku-band earth station -- call sign KA258 -- to provide launch and early orbit phase ("LEOP") services for the Eutelsat-3B satellite that is expected to be launched on May 26, 2014, after being delayed approximately two months.<sup>2</sup> The LEOP period is expected to last approximately ten days.<sup>3</sup>

The Eutelsat-3B LEOP operations will continue to be performed in the following frequency bands: 14250.0 MHz and 14499.8 MHz in the uplink (RHCP or LHCP), and 11200.2 MHz and 11699.8 MHz in the downlink (RHCP or LHCP). The LEOP operations will continue to 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.

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<sup>1</sup> Intelsat has filed this STA request, an FCC Form 159 and an \$860.00 filing fee electronically via the International Bureau's Filing System.

<sup>2</sup> *See Satellite Communications Services Information; Actions Taken*, Report No. SES-01635, File No. SES-STA-2014 (Apr. 2, 2014) (Public Notice). The permanent orbital location for Eutelsat-3B, which Intelsat understands is licensed by France, will be 3.0° E.L. The in-orbit testing location will be 1.7° E.L.

<sup>3</sup> Intelsat is seeking authority for 30 days to accommodate any further launch delays.

<sup>4</sup> EADS Astrium ("Astrium"), the manager of the Eutelsat-3B LEOP mission, will handle the coordination.

Ms. Marlene H. Dortch  
May 7, 2014  
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The 24x7 contact information for the Eutelsat-3B 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.

In support of this request, Intelsat incorporates by reference Exhibit A submitted with its original STA request, which contains a waiver request. 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. Intelsat also notes that for purposes of the Eutelsat-3B LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 23.5 dBW.

Finally, Intelsat clarifies that during the Eutelsat-3B launch, the spacecraft will be controlled by Astrium. Astrium will build and send the commands to the Intelsat antenna, which will process and execute the commands. Telemetry received by Intelsat will be forwarded to Astrium. Intelsat will remain in control of the baseband unit, RF equipment and antenna.

Grant of this STA extension request will allow Intelsat to help launch the Eutelsat-3B satellite. This, in turn, will help ensure continuity of service at the 3.0° E.L. orbital location and thereby promotes the public interest.

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

Respectfully submitted,



Susan H. Crandall  
Associate General Counsel  
Intelsat Corporation

cc: Paul Blais