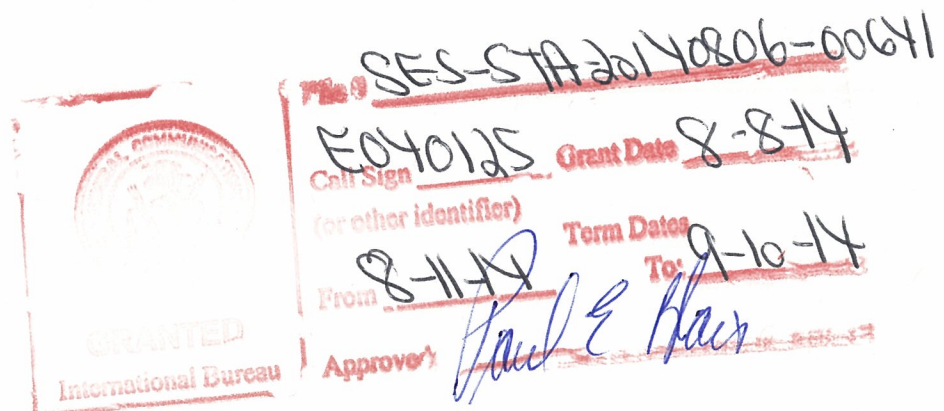




Applicant: Intelsat License LLC  
Call Sign: E040125  
File No.: SES-STA-20140806-00641  
Special Temporary Authority (STA)

Intelsat License LLC is granted, under the following conditions, extension of the STA that was previously granted under IBFS File No. SES-STA-20140707-00585, to use its Nuevo, California earth station, call sign E040125, to provide launch and early orbit phase (LEOP) services to the AsiaSat-8 satellite licensed by China. The satellite's permanent orbital location and in-orbit testing location will be at 105.3 degrees E.L.

1. Uplink to AsiaSat-8 satellite on the 6425.0 MHz and 6429.5 MHz (RHCP) coordinated emission and power limits.
2. Downlink from AsiaSat-8 satellite on the 4198.7 MHz and 4199.4 MHz (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 AsiaSat-8 satellite 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, E040125, 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. 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>2. Contact</b>	
<b>Name:</b> Susan H. Crandall	<b>Phone Number:</b> 703-559-7848
<b>Company:</b> Intelsat Corporation	<b>Fax Number:</b> 703-559-8538
<b>Street:</b> 7900 Tysons One Place	<b>E-Mail:</b> susan.crandall@intelsat.com
<b>City:</b> McLean	<b>State:</b> VA
<b>Country:</b> USA	<b>Zipcode:</b> 22102 -5972
<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? <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/Nuevo	8. Latitude (dd mm ss.s h) 33 47 43.6 N

9. State CA	10. Longitude (dd mm ss.s h) 117 5 20.4 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 20 days, from August 11, 2014 through August 30, 2014, of the Special Temporary Authority previously granted Intelsat to use Nuevo, California C-band earth station, call sign E040125, to finish providing launch and early orbit phase services for the AsiaSat-8 satellite that was successfully launched on	
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. Yes <input checked="" type="radio"/> No <input type="radio"/>	
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 public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMID-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to [PRA@fcc.gov](mailto:PRA@fcc.gov). PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

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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 20 days, from August 11, 2014 through August 30, 2014, of the Special Temporary Authority previously granted Intelsat to use Nuevo, California C-band earth station, call sign E040125, to finish providing launch and early orbit phase services for the AsiaSat-8 satellite that was successfully launched on August 5, 2014, after a two-month delay.



August 6, 2014

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  
Nuevo, California Earth Station E040125

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 20 days of Special Temporary Authority (“STA”),<sup>1</sup> from August 11, 2014 through August 30, 2014, to use its Nuevo, California C-band earth station, call sign E040125, to finish providing launch and early orbit phase (“LEOP”) services for the AsiaSat-8 satellite.<sup>2</sup> AsiaSat-8 was successfully launched on August 5, 2014, after a two-month delay. The LEOP period is expected to last approximately 10 days.

The AsiaSat-8 LEOP operations will continue to be performed in the following frequency bands: 6425.00 MHz and 6429.50 MHz in the uplink (RHCP), and 4198.7 MHz and 4199.4 MHz in the downlink (LHCP). 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 the LEOP 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 AsiaSat-8 LEOP mission is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)<sup>3</sup>  
(310) 525-5591 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

In support of this extension request, Intelsat incorporates by reference the materials submitted with its original STA request, which contain technical information that demonstrates that the operation of the

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

<sup>2</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01665, File No. SES-STA-20140707-00585 (July 16, 2014) (Public Notice); *Satellite Communications Services Information; Actions Taken*, Report No. SES-01651, File No. SES-STA-20140512-00343 (May 28, 2014) (Public Notice). The permanent orbital location for AsiaSat-8, which Intelsat understands is licensed by China, will be 105.3° E.L. The in-orbit testing location will be 105.3° E.L.

<sup>3</sup> Please note Intelsat's East Coast Operations Center's phone number has changed.

Ms. Marlene H. Dortch  
August 6, 2014  
Page 2

earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility, as well as a waiver request. In the extremely unlikely event that harmful interference should occur due to transmission to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Intelsat also notes that for purposes of the AsiaSat-8 LEOP mission, it is seeking to operate in the aforementioned frequencies at power levels not to exceed 25.5 dBW. The technical information submitted with the original STA request reflects a power level as high as 28.8 dBW because this is the level at which Intelsat might operate in the event an emergency necessitates the use of a higher power level in order to command the satellite.

Grant of this STA request will allow Intelsat to help launch the AsiaSat-8 satellite. This, in turn, will help ensure continuity of service at the 105.3° E.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA extension request to the undersigned at (703) 559-7848.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Susan H. Crandall". The signature is fluid and cursive, with a large initial "S" and "C".

Susan H. Crandall  
Associate General Counsel  
Intelsat Corporation

cc: Paul Blais