

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 Special Temporary Authority Using Riverside, California Earth Station E040125

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-20130318-00269  
E040125  
Call Sign E040125 Grant Date 3-25-13  
(or other identifier)  
From 3-27-13 Term Dates To: 1-26-13  
Approved: [Signature]

Applicant: Intelsat License LLC  
Call Sign: E040125  
File No.: SES-STA-20130318-00269  
Special Temporary Authority (STA)

Intelsat License LLC is granted STA, with conditions, for 30 days, from March 27, 2013 to operate as described in SES-STA-20121210-01086 to provide launch and early orbit phase (LEOP) services for the Mexican licensed Satmex 8 satellite. The operation will use its Riverside, California C-band earth station, Call Sign E040125, to provide service.

1. Intelsat License LLC is granted authority to provide LEOP operations in frequency bands: 5926.5 MHz and 6424.5 MHz (LHCP) (uplink) and 4198.6 MHz and 4199.4 MHz (RHCP) (downlink).
2. The permanent orbital location for Satmex 8 will be 116.8° W.L. The satellite will be in-orbit tested at 114.9° W.L.
3. Operations under this authority are on a non-interference basis only.
4. Operations under this authority are on a non-protected basis only.
5. In the event of any harmful interference under this grant of special temporary authority, Intelsat License LLC must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
6. 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 must 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 Satmex 8 LEOP mission is as follows: Ph.: (202) 944-7701 - East Coast Operations Center (primary); (310) 525-5900 - West Coast Operations Center (back-up). Harry Burnham and Kevin Bell are the LEOP points of contact.
7. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat License LLC risk.
8. 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>	<b>International Bureau</b>
<b>File #</b> <u>SES-STA-20130318-00269</u>	
<b>Call Sign</b> <u>E 040125</u>	
<b>(or other identifier)</b>	
<b>Grant Date</b> <u>3-25-13</u>	
<b>Term Dates</b>	
<b>From</b> <u>3-27-13</u>	<b>To</b> <u>4-26-13</u>
<b>Approved:</b> <u>[Signature]</u>	

<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 -
<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. CityNuevo	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.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">Intelsat License LLC herein requests an additional 30 days, from March 22, 2013 through April 20, 2013 of the Special Temporary Authority previously granted Intelsat to use its C-band earth station E040125 located in Riverside, California to provide launch and early orbit phase services for the Satmex 8 satellite that is expected to be launched on March</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 License LLC herein requests an additional 30 days, from March 22, 2013 through April 20, 2013 of the Special Temporary Authority previously granted Intelsat to use its C-band earth station E040125 located in Riverside, California to provide launch and early orbit phase services for the Satmex 8 satellite that is expected to be launched on March 26, 2013, after a several-month delay.

March 18, 2013

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  
Riverside, California Earth Station E040125

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days, from March 22, 2013 through April 20, 2013 of the Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to use its C-band earth station E040125 located in Riverside, California to provide launch and early orbit phase (“LEOP”) services for the Satmex 8 satellite that is expected to be launched on March 26, 2013, after a several-month delay.<sup>2</sup> The LEOP period is expected to last approximately 10 days.<sup>3</sup>

The Satmex 8 LEOP operations will be performed in the following frequency bands: 5926.5 MHz and 6424.5 MHz (LHCP) (uplink), and 4198.6 MHz and 4199.4 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.

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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> See *Satellite Communications Services Information: Actions Taken*, Report No. SES-01521, File No. SES-STA-20121210-01086 (Public Notice) (Jan. 23, 2013). Satélites Mexicanos, S.A. de C.V., the operator of Satmex 8, has requested U.S. market access for the satellite. See *Policy Branch Information: Satellite Space Applications Accepted for Filing*, Report No. SAT-00899, File No. SAT-PPL-20120823-00140 (Sept. 21, 2012) (Public Notice). The permanent orbital location for Satmex 8 will be 116.8° W.L. The satellite will be in-orbit tested at 114.9° W.L. .

<sup>3</sup> Intelsat is seeking authority through April 21, 2013 to accommodate any further launch delays.

Ms. Marlene H. Dortch  
March 18, 2013  
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The 24x7 contact information for the Satmex 8 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 further support of this request, Intelsat incorporates by reference Exhibits A and B submitted with its original STA request, 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. 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 Satmex 8 LEOP mission, it is seeking to operate in the frequencies listed in the original request at power levels not to exceed 26.5 dBW. The technical information submitted with the original STA request reflects a power level as high as 29.1 dBW because that 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 extension request will allow Intelsat to help launch the Satmex 8 satellite. This, in turn, will help ensure continuity of existing services at the 116.8° W.L. 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  
Assistant General Counsel  
Intelsat Corporation

cc: Paul Blais



March 18, 2013

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Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
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Please direct any questions regarding this STA extension request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Paul Blais