


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 Using Fillmore, CA Earth Station E4132 for Intelsat 29e Launch

1. Applicant

<b>Name:</b>	Intelsat License LLC	<b>Phone Number:</b>	703-559-7848
<b>DBA Name:</b>		<b>Fax Number:</b>	703-559-8539
<b>Street:</b>	c/o Intelsat Corporation 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		

*"30 days"*  
*"Extension with conditions"*



**File #** SES-STA-20160222-00157  
**Call Sign** E4132 **Grant Date** 02/25/2016  
(or other identifier)  
**Term Dates**  
**From** 02/27/2016 **To** 03/27/2016  
**Approved:** Paul E. Hayes

Application: Intelsat License LLC  
Call Sign: E4132  
File No.: SES-STA-20160222-00157  
Special Temporary Authority (STA)



Intelsat License LLC is granted a STA extension from SES-STA-20151230-00975, under the following conditions, for 30 days, beginning February 27, 2016, to use its Fillmore, California C-band earth station, call sign E4132, to provide launch and early orbit phase ("LEOP") services for Intelsat 29e (S2913). Also to provide telemetry, tracking, and command ("TT&C") services at the in-orbit testing ("IOT") location at 49.7° W.L.; and to drift the satellite from the IOT location to Intelsat 29e's final location at 50.0° W.L.

1. Intelsat will perform the operations in the uplink frequencies (Earth-to-space): 3701.25 MHz, 3701.75 MHz, 3702.25 MHz and 3702.75 MHz (LHCP, V), and the downlink frequencies (space-to-Earth): 5850.50 MHz, 5853.00 MHz, 6422.00 MHz and 6424.50 MHz, (LHCP, V), within coordinated emission and power limits.
2. During the drift from 49.7° W.L. to the satellite's permanent orbital location 50° W.L., Intelsat will coordinate with operators of co-frequency satellites in the drift path.
3. All operators of satellites 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 Intelsat 29e mission is as follows: Ph.: (703) 559-7701 - East Coast Operations Center (primary); (310) 525-5591 - West Coast Operations Center (back-up). Request to speak with Harry Burnham or Kevin Bell.
4. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Intelsat's E4132 shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
5. In the event of any harmful interference under this grant of STA, Intelsat License LLC E4132 must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
6. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.
7. Any action taken or expense incurred as a result of operations pursuant to this STA is solely 'at Intelsat License LLC's 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.



**INTELSAT.**

*Envision. Connect. Transform.*

February 22, 2016

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

**Re: Request for Extension of Special Temporary Authority  
Fillmore, California Earth Station E4132**

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days, beginning February 26, 2016, of the Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to use its Fillmore, California C-band earth station—call sign E4132—to provide launch and early orbit phase (“LEOP”) services for Intelsat 29e; telemetry, tracking, and command (“TT&C”) during in-orbit testing (“IOT”) at 49.7° W.L; and TT&C during the drift<sup>2</sup> of Intelsat 29e to its final location of 50.0° W.L.<sup>3</sup> Intelsat 29e was launched on January 27, 2016. The LEOP mission is complete; IOT and drift are expected to last approximately 45 days and 5 days, respectively.

The Intelsat 29e operations will continue to be performed using the following frequencies: 3701.25 MHz, 3701.75 MHz, 3702.25 MHz, and 3702.75 MHz in the downlink (LHCP, V); and 5850.5 MHz, 5853.0 MHz, 6422.0 MHz, and 6424.5 MHz in the uplink (LHCP, V). The proposed operations will be coordinated with all operators of satellites that use the same frequency bands and are in the drift path, or are potentially affected by these operations at the IOT location.<sup>4</sup> All operators of potentially affected satellites 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 Intelsat 29e mission is as follows:

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

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$195.00 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-01818, File No. SES-STA-20151230-00975 (Jan. 27, 2016) (Public Notice).

<sup>3</sup> See *Policy Branch Information; Actions Taken*, Report No. SAT-01086, File No. SAT-LOA-20130722-00097 (May 22, 2015) (Public Notice).

<sup>4</sup> Intelsat will handle the coordination.

Ms. Marlene H. Dortch  
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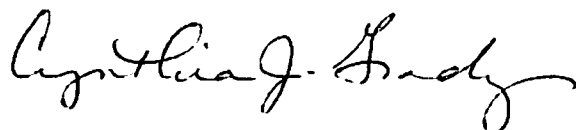
Request to speak with Harry Burnham or Kevin Bell.

In further support of this extension request, Intelsat incorporates by reference Exhibit A, submitted with its original STA request, which contains 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. Intelsat also notes that for purposes of this STA, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 34.0 dBW. 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 extension request will allow Intelsat to safely complete the testing and drift of the Intelsat 29e satellite. This, in turn, will help ensure continuity of service at the 50.0° W.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA extension request to the undersigned at (703) 559-6949.

Respectfully submitted,



Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais