

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for Further Extension of STA Using Fillmore, California Earth Station E4132

**1. Applicant**

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<b>DBA Name:</b>		<b>Fax Number:</b>	703-559-8539
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<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-20151014-00684

**Call Sign** E4132      **Grant Date** 10/16/2015  
(or other identifier)

**Term Dates**  
**From** 10/18/2015      **To:** 11/18/2015

**Approved:** *Paul E. Fleck*



Applicant: Intelsat License LLC  
File No.: SES-STA-20151014-00684  
Call Sign: E4132  
Special Temporary Authority (STA)



File # SES-STA-20151014-00684  
Call Sign E4132 Grant Date 10/16/2015  
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Term Dates  
From 10/18/2015 To 11/18/2015  
Approved: [Signature]

Intelsat License LLC is granted a STA extension from SES-STA-201500911-00580, for 30 days, from October 18 to November 18, 2015, to operate its C-band earth station, Call Sign E4132, located in, Fillmore, California, to provide launch and early orbit phase (LEOP) services and telemetry, tracking, and command (TT&C) services at the in-orbit testing (IOT) at 51.5° W.L. and to drift of the satellite from the IOT location to Intelsat 34's final location at 55.5° W.L. Finally, Intelsat requests that this STA extension include the ability to continue providing TT&C services to Intelsat 34 at its permanent location of 55.5° W.L. The LEOP and TT&C operations during IOT will be under the following conditions:

1. Uplink (Earth-to-space) frequency to Intelsat 34 satellite are 6173.70 MHz and 6176.30 MHz (LHCP) center frequency within coordinated emission and power limits.
2. Downlink (space-to-Earth) frequencies from Intelsat 34 satellite are 3949 MHz, 3949.50 MHz, 3950.50 MHz, and 3951 MHz (RHCP) center frequencies.
3. Intelsat will coordinate the proposed IOT operations at IOT location 51.5° W.L. with operators of co-frequency satellites. During the drift from 51.5° W.L. to the satellite's permanent orbital location 55.5° W.L. Intelsat will coordinate with operators of co-frequency satellites in the drift path.
4. 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 Intelsat 34 satellite LEOP mission is as follows: Ph.: (703) 559-7701 –East Coast Operations Center (primary); (310) 525-5591- West Coast Operations Center (back-up). Requests 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 as a result of operations under this grant of STA, Intelsat shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
6. Grant of this STA 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 grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.