

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
E000363 ABS-3A 30-Day STA Extension Request

1. Applicant

Name:	Intelsat License LLC	Phone Number:	703-559-7848
DBA Name:		Fax Number:	703-559-8539
Street:	c/o Intelsat Corporation 7900 Tysons One Place	E-Mail:	susan.crandall@intelsat.com
City:	McLean	State:	VA
Country:	USA	Zipcode:	22102 -5972
Attention:	Susan H. Crandall		

30 days "Extension with conditions"



File # SES-STA-20150408-00202

Call Sign E000363 Grant Date 04/14/2015  
(or other identifier)

Term Dates  
From 04/14/2015 To 05/14/2015

Approved: [Signature]

Applicant: Intelsat License LLC  
File No.: SES-STA-20150408-00202  
Call Sign: E000363

Intelsat License LLC is granted a STA extension from SES-STA-20150306-00116, for 30 days, beginning April 14, 2015, to operate its C-band earth station, Call Sign E000363, located in, Fillmore, California, to provide launch and early orbit phase services for the ABS-3 satellite, licensed and registered by Papua New Guinea, as it travels to its permanent orbital location 3.0° W.L. Communications will be on the following center frequencies: 6420 MHz and 6425 MHz (LHCP) in the (Earth-to-space) and 4194.5 MHz and 4197.0 MHz (LHCP) in the (space-to-Earth) and under the following conditions:

1. Intelsat License LLC will coordinate with operators of co-frequency satellites in the drift path.
2. Operations in the uplink frequencies will be within the coordinated parameters of the antenna's current license.
3. Operations, 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.
4. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC's applications.
5. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License LLC's risk.

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.



*'Extension with conditions*

File # SES-STA-20150408-00202

Call Sign E000363 Grant Date 04/14/2015  
(or other identifier)

Term Dates  
From 04/14/2015 To: 05/14/2015

Approved: Paul E. Hayes

*Operations from 4/11/2015 to 4/14/2015 were authorized pursuant to section 1.6 of the Commission rules. See SES-STA-20150306-00116. fsl*

April 8, 2015

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, DC 20554

Re: Request for Extension of Special Temporary Authority  
Fillmore, California Earth Station E000363

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days—from April 12, 2015 through May 11, 2015—of the Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to use its Fillmore, California C-band earth station—call sign E000363—to provide launch and early orbit phase (“LEOP”) services for the ABS-3A satellite.<sup>2</sup> ABS-3A was successfully launched March 1, 2015.<sup>3</sup> The LEOP period is expected to last approximately 240 days.<sup>4</sup>

The ABS-3A LEOP operations will continue to be performed in the following frequency bands: 6420.00 MHz and 6425.00 MHz in the uplink (LHCP), and 4194.5 MHz and 4197.0 MHz in the downlink (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>5</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.

The 24x7 contact information for the ABS-3A LEOP mission is as follows:

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<sup>1</sup> Intelsat has filed this STA request, an FCC Form 159, and a \$195.00 filing fee electronically via the International Bureau’s Filing System.

<sup>2</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01731, File No. SES-STA-20150306-00116 (Mar. 11, 2015) (Public Notice).

<sup>3</sup> The permanent orbital location for ABS-3A, which Intelsat understands is licensed by Papua New Guinea, will be at 3° W.L. The in-orbit testing location will be 3° W.L.

<sup>4</sup> Intelsat is also seeking authority for 180 days to accommodate the longer orbit-raising time period required for an electric propulsion satellite. See *Satellite Communications Services; Satellite Radio Applications Accepted for Filing*, Report No. SES-01738, File No. SES-STA-20150203-00051 (Apr. 8, 2015) (Public Notice).

<sup>5</sup> Intelsat will handle the coordination.

Ms. Marlene H. Dortch  
April 8, 2015  
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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.

In further support of this extension request, Intelsat incorporates by reference Exhibits A and B submitted with its original, March 6, 2015, STA request, which contains technical information and a waiver request. During the ABS-3A LEOP mission, Intelsat will continue to operate in the frequencies listed in its original request at power levels not to exceed 25.5 dBW. The technical information submitted with Intelsat's original STA request reflects a power level as high as 26.2 dBW because Intelsat might operate at this level in the event an emergency necessitates the use of a higher power in order to command the satellite. 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.

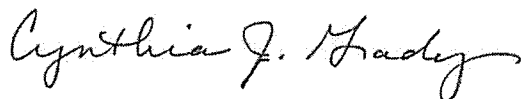
During the ABS-3A LEOP mission, Boeing will continue to serve as the mission manager. Boeing will build and send the commands to the Intelsat antenna, which will continue to process and execute the commands. Telemetry received by Intelsat will continue to be forwarded to Boeing. Intelsat will continue to perform the ranging sessions by sending a tone to the spacecraft periodically. Intelsat will remain in control of the baseband unit, RF equipment, and antenna.

Grant of this STA extension request will allow Intelsat to continue aiding in the launch of the ABS-3A satellite. This, in turn, will result in the provision of VSAT, TV distribution, IP trunking, cellular backhaul, and maritime services from the 3° W.L. orbital location and thereby promotes the public interest.

For these reasons set forth herein, Intelsat respectfully requests that the Commission expeditiously grant this extension request.

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

Respectfully submitted,



Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais

<b>2. Contact</b>			
<b>Name:</b>	Intelsat License LLC	<b>Phone Number:</b>	703-559-7848
<b>Company:</b>	Intelsat Corporation	<b>Fax Number:</b>	703-559-8539
<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>		<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 Fillmore			
8. Latitude (dd mm ss.s h)    34    24    18.0    N			

9. State	CA	10. Longitude (dd mm ss.s h) 118 53 39.0 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.)		
<div style="border: 1px solid black; padding: 5px;"> Intelsat License LLC herein requests an additional 30 days, from April 12, 2015 through May 11, 2015, of the Special Temporary Authority previously granted Intelsat to use its Fillmore, California C-band earth station, call sign E000363, to provide launch and early orbit phase services for the ABS-3A satellite. </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.		
<div style="display: flex; justify-content: space-around;"> <span>Yes <input checked="" type="radio"/></span> <span>No <input type="radio"/></span> </div>		
14. Name of Person Signing	15. Title of Person Signing	
Cynthia J. Grady	Regulatory 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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