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Approved by OMB  
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request to Extend STA to Perform In-Orbit Testing and Provide TT&C for SES-11 at 142.5 W.L. Using Antenna KB27

1. Applicant

Name:	SES Americom, Inc.	Phone Number:	202-478-7143
DBA Name:		Fax Number:	202-478-7111
Street:	1129 20th Street NW Suite 1000	E-Mail:	petra.vorwig@ses.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036 -
Attention:	Ms Petra A Vorwig		



"Extension with conditions"

File # SES-STA-20171013-01163

Call Sign KB27 Grant Date 10/25/2017  
(or other identifier)

Term Dates  
From: 10/28/2017 To: 11/27/2017

Approved: Paul E. Harb

To: _____	
From: _____	To: _____
Date: _____	
City: _____	
State: _____	
ZIP: _____	

Applicant: SES Americom, Inc.  
File No.: SES-STA-20171013-01163  
Call Sign: KB27  
Special Temporary Authority



File # 5 ES-STA-20171013-01163  
Call Sign KB27 Grant Date 10/25/17  
(or other identifier)  
Term Dates  
From: 10/28/2017 To: 11/27/2017  
Approved: [Signature]

SES Americom, Inc., is granted a special temporary authority extension from SES-STA-20170821-00935 for 30 days, beginning October 28, 2017, to operate its fixed earth station located at 34° 19' 31.0' N, 118° 59' 44.4' W in Somis, California, call-sign KB27, to perform in-orbit testing ("IOT") of SES-11 satellite (S2964) at 142.5° W.L. orbital location and to perform Tracking, Telemetry and Command ("TT&C") operations necessary to maintain SES-11 satellite at 142.5° W.L. and to effect drift of SES-11 satellite to its authorized orbital location at 104.95° W.L. upon completion of IOT, using the following frequency bands: 5925-6425 MHz (Earth-to-space), and 3700-4200 MHz (space-to-Earth) under the following conditions:

1. All operations must be within the coordinated emission and power limits.
2. During the drift to the satellite's permanent orbital location 104.95° W.L., SES Americom, Inc., 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 SES-11 mission is as follows: Ph.: (805) 386-2710 – South Mountain Earth Station. Request to speak with Mr. Dave Coyle, Manager:  
[dave.coyle@ses.com](mailto:dave.coyle@ses.com).
4. All operations under this grant of special temporary authority shall be on an unprotected and non-harmful interference basis. SES Americom, Inc.'s KB27, 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 special temporary authority, SES Americom, Inc.'s KB27, 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 SES Americom, Inc. applications.
7. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at SES Americom, Inc.'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.

**2. Contact**

<b>Name:</b>	Karis Hastings	<b>Phone Number:</b>	202-599-0975
<b>Company:</b>	SatCom Law LLC	<b>Fax Number:</b>	
<b>Street:</b>	1317 F St, NW Suite 400	<b>E-Mail:</b>	karis@satcomlaw.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20004 -
<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?

☒ If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).

☐ Governmental Entity ☐ Noncommercial educational licensee

☐ Other (please explain):

4b. Fee Classification CGX - Fixed Satellite Transmit/Receive Earth Station

5. Type Request

☐ Use Prior to Grant

☐ Change Station Location

☒ Other

6. Requested Use Prior Date  
10/28/2017

7. City Somis

8. Latitude  
(dd mm ss.s h) 34 19 31.0 N

9. State CA	10. Longitude (dd mm ss.s h) 118 59 44.4 W
11. Please supply any need attachments. Attachment 1: 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.) SES Americom, Inc. requests to extend the Special Temporary Authority granted under File Number SES-STA-2017821-00935 for an additional 30 days to perform in-orbit testing of the Gibraltar-licensed C-band payload on SES-11 (S2964) at 142.5 W.L. and to provide TT&C during testing using the antenna designated under call sign KB27. The SES-11 satellite	
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. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing Petra A. Vorwig	15. Title of Person Signing Senior Legal & Regulatory Counsel
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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## **12. Description**

SES Americom, Inc. requests to extend the Special Temporary Authority granted under File Number SES-STA-2017821-00935 for an additional 30 days to perform in-orbit testing of the Gibraltar-licensed C-band payload on SES-11 (S2964) at 142.5 W.L. and to provide TT&C during testing using the antenna designated under call sign KB27. The SES-11 satellite was launched on October 11, 2017.