

S2807 SAT-STA-20100408-00068
SES Americom, Inc. IB2010001129

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File Number: SAT-STA-20100408-00068
Callsign:



*subject to conditions

File # SAT-STA-20100408-00068
Call Sign S2807 Grant Date 04/23/10
(or other identifier) see attached Term Dates Period of 30 days
From Conditions To:
Approved: Stephen J. Duall

Approved by OMB
3060-0678

Stephen J. Duall
Chief, Satellite Policy Branch

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
S2807 (SES-1) Request for STA to permit in-orbit testing at 142.5 W.L.

I. Applicant

Name:	SES Americom, Inc.	Phone Number:	202-478-7137
DBA Name:		Fax Number:	202-478-7101
Street:	2001 L Street, NW Suite 800	E-Mail:	daniel.mah@ses.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036
Attention:	Daniel C.H. Mah		-

Attachment to Grant
IBFS File No. SAT-STA-20100408-00068
Call Sign S2807

The request of SES Americom, Inc. (SES Americom) for special temporary authority (STA), IBFS File No. SAT-STA-20100408-00068, IS GRANTED. Accordingly, for a period of 30 days commencing on the date that the SES-1 space station (Call Sign S2807) arrives at the 142.5° W.L. orbital location, SES Americom is authorized to conduct in-orbit testing (IOT) using the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 11.7-12.2 GHz (space-to-Earth), 14.0-14.5 GHz (Earth-to-space), 17.3-17.8 GHz (space-to-Earth), and 24.75-25.25 GHz (Earth-to-space) frequency bands. During the period of this STA, SES Americom is also authorized to conduct telemetry, tracking, and telecommand (TT&C) operations in the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 11.7-12.2 GHz (space-to-Earth), and 14.0-14.5 GHz (Earth-to-space) frequency bands while at the 142.5° W.L. orbital location and during the drift of SES-1 to its assigned 101° W.L. orbital location. This authorization is granted in accordance with the terms, conditions, and technical specifications set forth in SES Americom's application, the Commission's rules, and the following conditions.

1. All operations shall be on an unprotected and non-harmful interference basis, *i.e.*, SES Americom shall not cause harmful interference to, and shall not claim protection from interference caused to it, by any other lawfully operating radiocommunication system.

2. In the event of any harmful interference as a result of the operations of the SES-1 space station during in-orbit testing at the 142.5° W.L. orbital location or during drift to the 101° W.L. orbital location, SES Americom shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.

3. During in-orbit testing, SES Americom shall maintain the SES-1 satellite within an east/west longitudinal station-keeping tolerance of ± 0.05 degrees of the 142.5° W.L. orbital location.

4. Operations of the SES-1 space station at the 142.5° W.L. orbital location and during drift to the 101° W.L. orbital location are limited to in-orbit testing and shall not include any provision of commercial services.

5. Operations of SES-1 space station at the 142.5° W.L. orbital location shall comply with Sections 25.208(c) and 25.208(w) of the Commission's rules. 47 C.F.R. §§ 25.208(c) and 25.208(w).

6. During the drift to the 101° W.L. orbital location, SES Americom may not operate SES-1's communications payload.

7. SES Americom shall notify the Chief of the Satellite Division, International Bureau, Federal Communications Commission, in writing, on the date that the SES-1 satellite arrives at the 142.5° W.L. orbital location. This letter shall indicate the date and time that SES-1 intends to commence in-orbit-testing of the SES-1 space station (Call Sign S2807). Courtesy copies of this filing shall be sent via email to Kathryn.Medley (Kathryn.Medley@fcc.gov) and Stephen Duall (Stephen.Duall@fcc.gov).

8. SES Americom shall comply with the terms of its coordination agreement with Fibertower Spectrum Holdings, LLC referenced in SES Americom's letter of April 15, 2010.


9. SES Americom will notify the Air Force Frequency Management Agency (robert.lando@pentagon.af.mil, 703-428-1513) 24 hours prior to the beginning of IOT operations and after IOT operations have been completed.

10. Any action taken or expense incurred as a result of operations pursuant to this STA is at SES Americom's own risk.

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11. SES Americom is afforded 30 days from the date of release of this authorization to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.

12. 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. Petitions for reconsideration under Section 1.106 or applications for review under Section 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the date of the public notice indicating that this action was taken.

 GRANTED* International Bureau *subject to conditions	File # <u>SAT-STA-20100408-00068</u>
	Call Sign <u>S2807</u> Grant Date <u>04/23/10</u>
	(or other identifier) see attached Term Dates period of
	From <u>conditions</u> To: <u>30 days</u>
	Approved: <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch

2. Contact	
Name:	Karis A. Hastings, Esq.
Company:	Hogan & Hartson LLP
Street:	555 Thirteenth Street, NW
Phone Number:	202-637-5767
Fax Number:	202-637-5910
E-Mail:	kahastings@hhlaw.com
City:	Washington
State:	DC
Country:	USA
Zipcode:	20004 -1120
Attention:	
Relationship:	
(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 SATRPL2010012000014 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 CRY – Space Station (Geostationary)	
5. Type Request	
<input type="radio"/> Change Station Location	<input type="radio"/> Extend Expiration Date
	<input checked="" type="radio"/> Other
6. Temporary Orbit Location	
142.5 W.L.	
7. Requested Extended Expiration Date	

<p>8. 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.)</p> <div style="border: 1px solid black; padding: 5px;"> <p>SES Americom, Inc. requests space station special temporary authority to perform in-orbit testing of its SES-1 spacecraft at 142.5 WL.</p> </div>					
<p>9. 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.</p> <p style="text-align: right;"> <input checked="" type="radio"/> Yes <input type="radio"/> No </p>					
<p>10. Name of Person Signing Daniel C.H. Mah</p>	<p>11. Title of Person Signing Regulatory Counsel</p>				
<p>12. Please supply any need attachments.</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Attachment 1: Attachment</td> <td style="width: 50%;">Attachment 2:</td> </tr> <tr> <td> </td> <td>Attachment 3:</td> </tr> </table>		Attachment 1: Attachment	Attachment 2:		Attachment 3:
Attachment 1: Attachment	Attachment 2:				
	Attachment 3:				
<p style="text-align: center;"> 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). </p>					

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