

S2156 SAT-STA-20110614-00108 IB2011001697  
SES Americom, Inc.

Approved by OMB  
3060-0678

Date & Time Filed: Jun 14 2011 3:19:29:443PM  
File Number: SAT-STA-20110614-00108  
Callsign:

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY  
FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:  
S2156 (AMC-5) STA Request to Relax e/w station keeping 6-2011

I. Applicant

Name: SES Americom, Inc. Phone Number: 202-478-7137  
DBA Name: Fax Number: 202-478-7101  
Street: 1129 20th Street NW E-Mail: daniel.mah@ses.com  
Suite 1000  
City: Washington State: DC  
Country: USA Zipcode: 20036  
Attention: Daniel C.H. Mah

"With Conditions"



File # SAT-STA-20110614-00108

Call Sign S2156 Grant Date 6/29/11  
(or other identifier)

Term Dates From 6/30/11 To: +30 days

Approved: Kathy Moody  
Chix Satellite Eng'g Br.

**SES Americom, Inc.**  
**Special Temporary Authority**  
**IBFS File No. SAT-STA-20110614-00108**  
**(AMC-5, Call Sign S2156)**

The application of SES Americom, Inc. (SES), IBFS File No. SAT-STA-20110614-00108, for a thirty day special temporary authority ("STA") to drift the AMC-5 Ku-band satellite (Call Sign S2156) to 79.10° W.L. and maintain it there with an expanded stationkeeping tolerance of ±0.1 degrees is GRANTED. Accordingly SES is authorized to conduct Telemetry, Tracking, and Telecommand (TT&C) operations using the 14.001 GHz (telecommand) and 11.701 and 11.702 GHz (telemetry) frequencies to relocate AMC-5 from its current orbital position of 79.05° W.L. to the 79.10° W.L. orbital location and to maintain the AMC-5 space station at that location. All operations of the AMC-5 space station must be in accordance with the technical specifications set forth in its application, Federal Communication Commission (Commission) rules, and the conditions set forth below.

1. All operations during the drift to 79.10° W.L. shall be on an unprotected and non-harmful interference basis, *i.e.*, the AMC-5 space station shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating station. In the event of any harmful interference, SES shall cease operations immediately upon notification of such interference, and shall inform the Commission, in writing, immediately of such an event.

2. SES is granted a waiver of Section 25.210(j) of the Commission's rules, 47 C.F.R. § 25.210. Section 25.210(j) requires geostationary space stations to be "be maintained within +/- 0.05° of their assigned orbital longitude in the east/west direction, unless specifically authorized by the Commission to operate with a different longitudinal tolerance." SES proposes to operate AMC-5 at the 79.10° W.L. orbital location with an east-west station-keeping tolerance of +/-0.1 degrees. SES states that AMC-5's +/- 0.1 stationkeeping volume will not overlap with any other spacecraft and thus AMC-5's operations will not adversely affect the operations of other spacecraft. This waiver and the operations it permits shall terminate in the event that a satellite is launched into a location such that its station-keeping volume would overlap AMC-5's +/-0.1 degree station-keeping volume, but would not overlap AMC-5's +/-0.05 degree stationkeeping volume, unless SES has successfully coordinated AMC-5's physical operations with those of the other spacecraft.

3. SES must operate the AMC-5 space station in compliance with existing and future international coordination agreements applicable to SES's operations at the 79° W.L. orbital location.

4. This authorization is not one relating to an "activity of a continuing nature" for purposes of Section 1.62 of the Commission's rules and Section 558(c) of the Administrative Procedure Act. Continuation of operations beyond the term of this authorization will require prior affirmative action by the FCC.



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Approved: Kathryn Melley  
Chief, Satellite Engng Br.

**SES Americom, Inc.**  
**Special Temporary Authority**  
**IBFS File No. SAT-STA-20110614-00108**  
**(AMC-5, Call Sign S2156)**

5. SES has 30 days from the date of this grant to decline this authorization as conditioned. Failure to respond within that period will constitute formal acceptance of the authorization as conditioned.

6. This action is issue pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately.

2. Contact	
<b>Name:</b> Karis A. Hastings, Esq.	<b>Phone Number:</b> (202) 637-5767
<b>Company:</b> Hogan Lovells US LLP	<b>Fax Number:</b> (202) 637-5910
<b>Street:</b> 555 Thirteenth Street, NW	<b>E-Mail:</b> karis.hastings@hoganlovells.com
<b>City:</b> Washington	<b>State:</b> DC
<b>Country:</b> USA	<b>Zipcode:</b> 20004 -1109
<b>Attention:</b>	<b>Relationship:</b>
(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    CRY - Space Station (Geostationary)	
5. Type Request	
<input checked="" type="radio"/> Change Station Location	<input type="radio"/> Extend Expiration Date <input type="radio"/> Other
7. Requested Extended Expiration Date	
7. Temporary Orbit Location	79.10 W.L.

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.)

SES Americom, Inc. respectfully requests special temporary authority for a period of 30 days beginning June 30, 2011 to perform TT&C in order to drift the AMC-5 in-orbit spare satellite, call sign S2156, to 79.10 deg. W.L. and maintain it there with an east-west stationkeeping tolerance of +/- 0.1 degrees. SES Americom does not seek authority to

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.

Yes  No

10. Name of Person Signing  
Daniel C. H. Mah

11. Title of Person Signing  
Regulatory Counsel

12. Please supply any need attachments.

Attachment 1: Narrative

Attachment 2:

Attachment 3:

**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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## **8. Description**

SES Americom, Inc. respectfully requests special temporary authority for a period of 30 days beginning June 30, 2011 to perform TT&C in order to drift the AMC-5 in-orbit spare satellite, call sign S2156, to 79.10 deg. W.L. and maintain it there with an east-west stationkeeping tolerance of +/- 0.1 degrees. SES Americom does not seek authority to operate the AMC-5 communications payload during the STA period.