

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
STA E140054 Woodbine K9 Modification

1. Applicant

Name: SES Americom, Inc. Phone Number: 202-478-7144  
DBA Name: Fax Number: 202-478-7111  
Street: 1129 20th Street NW E-Mail: nancy.eskenazi@ses.com  
Suite 1000  
City: Washington State: DC  
Country: USA Zipcode: 20036  
Attention: Ms Nancy J Eskenazi



File # SES-STA-20160518-00444  
E140054  
Call Sign 5-2716 Grant Date 5-27-16  
(or other identifier)  
Term Dates From: 5-27-16 To: 7-26-16  
Approved: [Signature]

Applicant: SES Americom, Inc.  
File Number: SES-STA-20160518-00444  
Call Sign: E140054  
Special Temporary Authority (STA)

SES Americom, Inc. is granted STA for 60 days, beginning May 27, 2016, to operate its fixed earth station antenna in Mt. Airy, Maryland to communicate with the AMC-6 satellite at the 72° W. L. orbital location in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands under the following conditions:

1. Operations under this authority are on a non-interference basis only.
2. Operations under this authority are on a non-protected basis only.
3. Operations shall be transmitting on 14000-14500 MHz at 63.48 dBW eirp and 49.5 dBW/4kHz eirp density for 100KG7W emission and on 14000-14500 MHz at 88.25 dBW eirp and 49.5 dBW/4kHz eirp density for 30M0G7 emission.
4. In the event that there is a report of interference, SES Americom, Inc. must immediately terminate transmissions and notify the FCC in writing.
5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at SES Americom, Inc.'s own risk.
6. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending application IBFS File No. SES-MFS-20160512-00407.
7. Operation from 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.



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E140054  
Call Sign E140054 Grant Date 5-27-16  
(or other identifier)  
Term Dates  
From: 5-27-16 To: 7-26-16  
Approved: Paul E. Hader

<b>2. Contact</b>	
<b>Name:</b> SES Americom, Inc.	<b>Phone Number:</b> 202-478-7143
<b>Company:</b> 1129 20th St NW Suite 1000	<b>Fax Number:</b> 202-478-7111
<b>Street:</b> Washington	<b>E-Mail:</b> nancy.eskenazi@ses.com
<b>City:</b> USA	<b>State:</b> DC
<b>Country:</b> USA	<b>Zipcode:</b> 20036 -
<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 IB2016001079	
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 checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other	
6. Requested Use Prior Date 05/23/2016	
7. CityMt Airy	
8. Latitude (dd mm ss.s h) 39 22 33.0 N	

9. State MD	10. Longitude (dd mm ss.s h) 77 4 54.0 W
11. Please supply any need attachments. Attachment 1: STA Narrative 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 Special Temporary Authority (STA) to allow use of earth station E140054 prior to grant of permanent license modification (submission ID IB2016001079).	
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"; party to the application; for these purposes. Yes <input checked="" type="radio"/> No <input type="radio"/>	
14. Name of Person Signing Petra Vorwig	15. Title of Person Signing 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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**THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.**

### **Request for Special Temporary Authority for 60 Days**

Pursuant to Section 25.120(b)(3) of the Federal Communications Commission's ("FCC") rules, SES Americom, Inc. ("SES Americom") requests special temporary authority ("STA") for 60 days commencing on May 23, 2016, to use its 13m Ku-band earth station antenna in Mt Airy, Maryland licensed under call sign E140054 to communicate with the AMC-6 satellite. Authority is sought pending action on SES Americom's application to modify the E140054 license in order to add FSS capabilities to the antenna.<sup>1</sup> Grant of the requested STA is in the public interest because it will allow SES Americom to provide commercial uplink operations for Global Eagle Entertainment on AMC-6 at 72° W.L. orbital location, as previously authorized by the FCC.

On May 12, 2016, SES Americom filed an application to modify the E140054 license to expand the permissible points of communication, but the application has not yet been placed on public notice. SES Americom seeks STA to allow the E140054 antenna to provide commercial uplink services to AMC-6 at 72° W. SES Americom hereby incorporates by reference the materials submitted in support of the E140054 Modification, including all technical data and exhibits, and notes that coordination for the Ku-band operations in the FSS frequency range has been completed.

Accordingly, for the reasons stated herein, SES Americom respectfully requests grant of this STA on or before May 23 2016 to permit use of the E140054 antenna to support commercial uplink operation on the AMC-6 satellite.

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<sup>1</sup> See IBFS Submission ID **IB2016001079**, filed May 12 2016 (the "Woodbine K9 Modification").



**Paul Blais**  
Federal Communications Commission  
445 12<sup>th</sup> Street, SW  
Washington, DC 20554

27 May 2016

Subject: **SES-STA-20160518-00444 (Call Sign E140054)**

Dear Mr. Blais,

On May 18, 2016, SES Americom, Inc. submitted the above-referenced application seeking Special Temporary Authority to provide service to the AMC-6 satellite from earth station E140054. We wish to update the record to clarify that the request is limited to the following frequencies with the following characteristics:

**Receive Frequency**

Frequency (MHz)	Polarization	Emission Designator	Maximum EIRP per Carrier (dBW)	Maximum ERIP Density per Carrier (dBW/4kHz)
11700-12200	Horizontal and Vertical	100KG7W	0.0	0.0
11700-12200	Horizontal and Vertical	30M0G7W	0.0	0.0

**Transmit Frequency**

Frequency (MHz)	Polarization	Emission Designator	Maximum EIRP per Carrier (dBW)	Maximum ERIP Density per Carrier (dBW/4kHz)
14000-14500	Horizontal and Vertical	100KG7W	63.48	49.5
14000-14500	Horizontal and Vertical	30M0G7W	88.25	49.5

SES Americom filed a related modification application<sup>1</sup> and will shortly file an amendment to that application reflecting the corrected EIRP and EIRP density characteristics described above.

Please contact me with any questions you may have.

Sincerely

/s/ Petra A. Vorwig  
Petra Vorwig  
SES Americom, Inc.

<sup>1</sup> File No. SES-MFS-20160512-00407 (filed May 12, 2016).