

KA272 SES-STA-20150810-00516 IB2015001481  
SES Americom, Inc.

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 for 60-Day STA to Operate 21m C-band Antenna (KA272) for TT&C

1. Applicant

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



File # SES-STA-20150810-00516  
KA272  
Call Sign 8266-15 Grant Date 8-26-15  
(or other identifier)  
Term Dates  
From: 8-26-15 To: 10-25-15  
Approved: Nancy J Eskenazi

Applicant: SES Americom, Inc.  
Call Sign: KA272  
File No.: SES-STA-20150810-00516  
Special Temporary Authority (STA)



File # SES-STA-20150810-00516  
Call Sign KA272 Grant Date 8-26-15  
(or other identifier)  
Term Dates  
From: 8-26-15 To: 10-25-15  
Approved: Paul E. Hines

SES Americom, Inc. ("SES Americom") is granted STA for 60 days for earth station KA272 at Somis, California at 34° 19' 31.0" NL/118° 59' 44"W.L. (NAD-83) to conduct telemetry, tracking, and control (TT&C) operations to drift AMC-1 (Call Sign S2445) to its permanent orbital location 129.0° W.L. under the following conditions:

1. Uplink (Earth-to-space) center frequency 6423.5 MHz (Earth-to-space) within the operating parameters of its pending application IBFS File No. SES-MFS-20150731-00482 that are subject to coordinated emission and power limits.
2. Downlink (space-to-Earth) center frequencies 3700.5 MHz (space-to-Earth), 4199.5 MHz (space-to-Earth) within the operating parameters of its pending application IBFS File No. SES-MFS-20150731-00482.
3. SES Americom must coordinate operations of AMC-1 with existing geostationary space stations to ensure that no unacceptable interference results from the use of the TT&C frequencies during drift to the 129.15° W.L. orbital location.
4. Grant of this STA is without prejudice to any determination that the Commission may make regarding its pending application IBFS File No. SES-MFS-20150731-00482 and without prejudice to any future Commission's action
5. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. SES Americom's KA272 shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
6. In the event of any harmful interference as a result of operations under this grant of STA, Intelsat shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
7. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at SES Americom'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.

<b>2. Contact</b>	
<b>Name:</b> Petra Vorwig	<b>Phone Number:</b> 202-478-7143
<b>Company:</b> SES Americom, Inc.	<b>Fax Number:</b> 202-478-7111
<b>Street:</b> 1129 20th Street NW Suite 1000	<b>E-Mail:</b> petra.vorwig@ses.com
<b>City:</b> Washington	<b>State:</b> DC
<b>Country:</b> USA	<b>Zipcode:</b> 20036
<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 SESMFS2015073100482 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 checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other	
6. Requested Use Prior Date 08/25/2015	
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: 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.) <div style="border: 1px solid black; padding: 5px;">SES Americom requests 60-day STA to use its licensed KA272 antenna to provide TT&amp;C services to the AMC-1 satellite at 129 W.L. pending action on SES-MFS-20150731-00482.</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. 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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### **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 August 25, 2015, to use its 21m C-band earth station antenna in Somis, California, licensed under call sign KA272 to communicate with the AMC-1 satellite. Authority is sought pending action on SES Americom's application to modify the KA272 license in order to permit communications with satellites in a broader range of the orbital arc.<sup>1</sup> Grant of the requested STA is in the public interest because it will allow SES Americom to provide telemetry, tracking and control ("TT&C") operations for AMC-1 once it arrives at the nominal 129° W.L. orbital location, as previously authorized by the FCC.<sup>2</sup>

On July 31, 2015, SES Americom filed an application to modify the KA272 license to expand the permissible points of communication, but the application has not yet been placed on public notice. AMC-1 is expected to arrive at 129° W.L. around August 26, 2015. SES Americom seeks STA to allow the KA272 antenna to provide TT&C services to AMC-1 at 129° W.L., thereby ensuring safe operations of the satellite. SES Americom hereby incorporates by reference the materials submitted in support of the KA272 Modification, including all technical data and exhibits, and notes that coordination for the C-band operations across the broader orbital arc has been completed.

Accordingly, for the reasons stated herein, SES Americom respectfully requests grant of this STA on or before August 25, 2015 to permit use of the KA272 antenna to support safe operation of the AMC-1 satellite.

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<sup>1</sup> See IBFS File No. SES-MFS-20150731-00482, filed July 31, 2015 (the "KA272 Modification").

<sup>2</sup> IBFS File Nos. SAT-MOD-20140730-00089, as amended by SAT-AMD-20150219-0006, grant-stamped May 28, 2015.