

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for 30-day STA to operate KA272 with AMC-7 at 137W in Conventional C-band (expedited action requested)

1. Applicant

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

7160 SES-STA-20140801-00629  
KA272  
Call Sign  
(or other identifier)  
Grant Date 8-6-14  
Terra Dates  
From 8-7-14 To 8-6-14  
Approved: [Signature]  
International Bureau  
GRANTED

Applicant: SES Americom, Inc.  
Call Sign: KA272  
File No.: SES-STA-20140801-00629  
Special Temporary Authority (STA)

SES Americom, Inc (SES) is granted STA for 60 days for earth station Call Sign KA272 at Somis, California at 034° 19' 31.0" N.L./118° 59' 44.4" W.L. (NAD-83) to provide Telemetry, Tracking, & Command (TT&C) operations for the AMC-7 satellite (Call Sign S2155) located at the 137° W.L. orbital location and to provide digital data, voice, and video services under the following conditions:

1. Uplink (Earth-to-space) frequency for telecommand function on 6423.5 MHz and downlink (space-to-Earth) frequencies for telemetry function on 3700.5 MHz and 4199.5 MHz are subject to coordinated emission and power limits.
2. Digital data, voice and video services must be in the 5925-6425 MHz (Earth-to-space) frequency band, 3700-4200 MHz (space-to-Earth) frequency band and within the operating parameters of SES pending application IBFS File No. SES-MOD-20140801-00628.
3. Grant of this authorization is without prejudice to any determination that the Commission may make regarding SES pending application IBFS File No. SES-MOD-20140801-00628.
4. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. SES 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 as a result of operations under this grant of STA, SES shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
6. 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.



File # SES-STA-20140801-00629  
Call Sign KA272 Grant Date 8-6-14  
(or other identifier)  
From 8-7-14 Term Dates To 10-6-14  
Approved: [Signature]

<b>2. Contact</b>	
<b>Name:</b> SES Americom, Inc.	<b>Phone Number:</b> 202-478-7137
<b>Company:</b> 1129 20th Street NW Suite 1000	<b>Fax Number:</b> 202-478-7101
<b>Street:</b> Washington	<b>E-Mail:</b> daniel.mah@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 IB2014001580	
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 08/07/2014	
7. City Washington	
8. Latitude (dd mm ss.s h) 39 19 31.0 N	



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## 12. Description

EXPEDITED ACTION REQUESTED by August 7, 2014. SES Americom respectfully requested grant of a 30-day STA to begin on August 7, 2014, to operate KA272 with the AMC-7 satellite at 137W in the conventional C-band. KA272 is currently authorized to operate in these frequencies in the coordinated satellite arc 170W to 188W. SES Americom has submitted a Modification application to expand the coordinated arc of KA272 to 131W to 188W, and has completed terrestrial coordination for such an expansion (see Submission ID IB2014001580, filed Aug. 1, 2014). As a result, there is no risk of harmful interference. Expedited action by August 6, 2014, is requested to enable AMC-7 traffic to be transferred to the KA272 antenna so that needed repairs can be made to the regular antenna servicing AMC-7. This traffic transfer must be scheduled around AMC-7 stationkeeping maneuvers to ensure no disruption to customer or satellite operations. SES Americom respectfully requests grant by August 7 to enable this traffic transfer to occur without any such disruption. For these reasons, expedited grant of the requested STA would serve the public interest.



Daniel C.H. Mah  
Regulatory Counsel  
(202) 478-7137  
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August 5, 2014

***By Electronic Filing***

Mr. Paul Blais  
Chief, System Analysis Branch, Satellite Division  
International Bureau  
Federal Communications Commission  
445 12th Street, S.W.  
Washington, D.C. 20554

**Re: File No. SES-STA-20140801-00629, Call Sign KA272**

Dear Mr. Blais:

SES Americom, Inc. ("SES"), hereby clarifies that the primary purpose of the above-referenced request for Special Temporary Authority ("STA") is to enable TT&C for AMC-7 to be transferred to KA272 pending repairs to one of the regular antennas used for AMC-7 TT&C (6423.5 MHz telecommand; 4199.5 MHz & 3700.5 MHz telemetry). See File No. SAT-MOD-19981023-00074 (Call Sign S2155), Technical Appendix at 1 (granted in DA 00-2096, rel. Sep. 13, 2000). SES is also seeking an authority to use AMC-7 for potential customer traffic during the STA period, but clarifies that there is no customer traffic at this time that needs to be transferred to KA272. SES's customers are using their own antennas to access the satellite and will not be affected by the use of KA272 for TT&C.

Please address any questions concerning this submission to the undersigned.

Respectfully submitted,

*/s/ Daniel C.H. Mah*

Daniel C.H. Mah

Regulatory Counsel  
SES Americom, Inc.