

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 Use E000324 to perform TT&C for ASTRA-3A during drift and while on-station at 176.85W

1. Applicant

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

30 days "with conditions"

File # SES-STA-20131204-01169



Call Sign E000324 Grant Date 12/24/2013
(or other identifier)

Term Dates
From 12/24/2013 To 01/23/2014

Approved: *[Signature]*

Applicant: SES Americom, Inc.
File Number: SES-STA-20131204-01169
Call Sign: E000324
Special Temporary Authority (STA)

SES Americom, Inc., is granted, under the following conditions, STA for 30 days, beginning on December 24, 2013, to permit SES Americom, Inc. to communicate with the Luxembourg-licensed ASTRA 3A space station from its 11-meter antenna at its fixed earth station (SES-MFS-20131108-00950) in Somis, California, to perform tracking, telemetry and command services during drift and on-station at its permanent orbital location 176.85° W.L. in the frequency bands : 14499.00 MHZ (telecommand, vertical polarization, 800KF9D); 11450.25 and 11699.50 MHZ (telemetry, horizontal polarization, 150KF9D). SES is not seeking U.S. market access.

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. In the event that there is a report of interference, SES Americom, Inc. must immediately terminate transmissions and notify the FCC in writing.
4. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at SES Americom, Inc. risk.
5. Grant of this authority is without prejudice to any determination that the Commission may make regarding SES Americom Inc. pending application SES-MFS-20131108-00950.
6. 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.



File # SES-STA-20131204-01169

Call Sign E000324 Grant Date 12/24/2013
(or other identifier)

Term Dates
From 12/24/2013 To: 01/23/2014

Approved: [Signature]

2. Contact	
Name: Daniel C.H. Mah	Phone Number: 202-478-7137
Company: SES Americom, Inc.	Fax Number: 202-478-7101
Street: 1129 20th Street NW Suite 1000	E-Mail: daniel.mah@ses.com
City: Washington	State: DC
Country: USA	Zipcode: 20036
Attention: Daniel C.H. Mah	Relationship: 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 SESMFS2013110800950 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 12/11/2013	
7. City Somis	
8. Latitude (dd mm ss.s h) 34 19 33.1 N	

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APPLICATION FOR SPECIAL TEMPORARY AUTHORITY

(Call Sign E000324)

*** Expedited Action Requested By 12/10/2013 ***

SES Americom, Inc. ("SES") requests a 60-day Special Temporary Authority ("STA") to use E000324 to perform TT&C for ASTRA 3A during drift and on-station at 176.85W in the Ku- and extended Ku-band frequencies. Upon arrival at 176.85° W.L., ASTRA 3A will be providing service to eastern Russia only. This request is limited to use of the U.S. earth station for TT&C functions only on the following frequencies:

Telecommand:	14499 MHz vertical polarization (800KF9D)
Telemetry:	11450.25 MHz horizontal polarization (150KF9D)
	11699.50 MHz horizontal polarization (150KF9D)

The Commission has previously granted a 180-day STA for a 6.1 meter antenna at the same teleport to perform such TT&C operations with ASTRA 3A.¹ SES is now seeking to authority to use a larger 11 meter antenna situated nearby for the same purpose. SES respectfully requests **expedited action on this STA application by December 10, 2013**, so that the larger antenna can be available for use during the remaining drift and upon arrival of the satellite at 176.85° W.L.

The use of the E000324 earth station to perform TT&C with ASTRA 3A will be consistent with the coordinated technical parameters in SES's pending application to modify E000324 to operate in the Ku- and extended Ku-band frequencies.² Specifically, the telecommand carriers will operate with a maximum EIRP density of 55.5 dBW/4 kHz. For telemetry, SES notes that the spacecraft is currently within the coordinated arc for the two telemetry frequencies listed above. As a result, no terrestrial interference is expected. To the extent use of the extended Ku-band for TT&C constitutes domestic use of the band, SES requests a waiver of the international-only restriction in footnote NG52 of 47 C.F.R. § 2.106 and of 47 C.F.R. § 25.202(a) Note 2. The Commission has previously granted a waiver of this restriction for the other SES earth station at the same location to perform TT&C with ASTRA 3A, and that waiver should be granted again here.³

In any event, all TT&C operations from E050287 during the proposed drift will be conducted on a non-interference, non-protected basis. SES will coordinate the drift operations with all affected operators in accordance with industry practice. The SES point of contact during drift operations will be SES Payload Management Operations

¹ File No. SES-STA-20130722-00653, Call Sign KA288 (granted Sept. 26, 2013). The Commission has also granted several other earth station STAs for the relocation of ASTRA 3A to 176.85° W.L. See SES Americom, Inc., SES-STA-20130722-00654 (call sign E920698) and File No. SES-STA-20130912-00800 (call sign E050287); Hawaii Pacific Teleport L.P., File No. SES-STA-20131030-00914 (call sign E030115). The information contained in those applications, including information on ASTRA 3A's proposed operations at 176.85° W.L., is hereby incorporated by reference.

² See File No. SES-MFS-20131108-00950 (pending).

³ See File No. SES-STA-20130722-00653 (call sign KA288) (granted Sept. 26, 2013). SES hereby incorporates by reference the waiver request from that earlier application.

Centre (PMOC) in Woodbine, MD, 1 800 772 2363 or 1 410 970 7570; e-mail:
PMOC@ses.com.

Grant of the proposed STA will serve the public interest by facilitating the safe operation of ASTRA 3A during relocation and once it arrives on-station to 176.85° W.L.