

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
E170089 30-Day STA Request to Provide TT&C for ASTRA 1H drift to 67.1 W.L.

1. Applicant

Name: SES Americom, Inc. Phone Number: 202-478-7143
DBA Name: Fax Number: 202-478-7111
Street: 1129 20th Street NW E-Mail: petra.vorwig@ses.com
Suite 1000
City: Washington State: DC
Country: USA Zipcode: 20036
Attention: Ms Petra A Vorwig



File # SES-STA-20181210-03423
Call Sign E-170089 Grant Date 12-14-18
(or other identifier)
Term Dates From: 1-1-19 To: 12-31-19
Approved: [Signature]

2. Contact			
Name:	Karis Hastings	Phone Number:	202 599 0975
Company:	SatCom Law LLC	Fax Number:	
Street:	1317 F Street, N.W. Suite 400	E-Mail:	karis@satcomlaw.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20004 -
Attention:		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 SESSTA2018110503113 or Submission ID			
4a. Is a fee submitted with this application?			
☒ If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114). ☐ Governmental Entity ☐ Noncommercial educational licensee ☐ Other (please explain):			
4b. Fee Classification CGX – Fixed Satellite Transmit/Receive Earth Station			
5. Type Request			
☒ Use Prior to Grant ☐ Change Station Location ☒ Other			
6. Requested Use Prior Date 01/04/2019			
7. City/Mt. Airy		8. Latitude (dd mm ss.s h) 39 22 38.8 N	

9. State	MD	10. Longitude (dd mm ss.s h)	77 4 52.97
11. Please supply any need attachments.		Attachment 1:	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 for 30 days beginning January 4, 2019 to operate its earth station (E170089) to provide TT&C services for ASTRA 1H in the Ku-band as it drifts to and operates at 67.1 W.L. SES Americom is not requesting market access for the satellite. SES Americom has separately requested STA for 180 days and			
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.			
14. Name of Person Signing Petra A. Vorwig		15. Title of Person Signing Senior Legal & 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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12. Description

SES Americom, Inc. requests special temporary authority for 30 days beginning January 4, 2019 to operate its earth station (E170089) to provide TT&C services for ASTRA 1H in the Ku-band as it drifts to and operates at 67.1 W.L. SES Americom is not requesting market access for the satellite. SES Americom has separately requested STA for 180 days and incorporates the technical information and waiver requests set out in that application here. See File No. SES-STA-20181105-03113 filed on November 5, 2018.

Applicant: SES Americom, Inc.
Call Sign: E170089
File No.: SES-STA-20181210-03423
Special Temporary Authority (STA)



File # SES-STA-20181210-03423
E170089
Call Sign E170089 Grant Date 12-14-18
(or other identifier)
Term Dates
From: 1-4-19 To: 2-3-19
Approved: [Signature]

SES Americom, Inc. is granted STA to operate, beginning January 4, 2019 for 30 days, its earth station, Call Sign E170089, located at geographical coordinates 39° 22' 38.8" N/77° 04' 52.9" W in Mt. Airy, Maryland to provide telemetry, tracking and control ("TT&C") functions on frequencies: 14008.5 MHz (H) and 14250.5 MHz (C) (Earth-to-space); and 11693.5 MHz, 11707.0 MHz (C,V) (space-to-Earth) for the Luxembourg licensed ASTRA 1H satellite to relocate from its current position at 80.8 °W to 67.1°W. Operations are authorized under the following conditions:

1. Operations will not exceed the operational power levels and parameters requested:

maximum eirp: 75.0 dBW
maximum eirp density: 52.1 dBW/4kHz
emission: 800KF9D

2. Operations of satellite shall be in inclined orbit at 67.1°W with +/- 0.1°east/west station keeping.

3. SES Americom Inc. shall coordinate operations of SES-10 and ASTRA 1H at the nominal 67° W.L. orbital location.

4. 47 C.F.R. §2.106 International Footnote NG52 is waived for use of TT&C on the 11693.5 MHz with ASTRA 1H under STA operations.

5. In the event of any harmful interference SES Americom, Inc. shall cease operations immediately upon notification of such interference, and shall immediately inform the Commission, in writing, of such an event.

6. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending IBFS File Number SES-STA-20181105-03113 or future SES Americom, Inc. applications.

7 Any action taken or expense incurred as a result of operations pursuant to this STA is solely at SES Americom, Inc.'s risk.

8. The 24/7 point of contact for the ASTRA 1H operations is the SES Payload Management Operations Centre (PMOC) in Woodbine, MD, 1 410 970 7580; e-mail: PMOC@ses.com

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.