

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 to Renew 30-Day STA to Provide TT&C for ASTRA 1H drift to 67.1 W.L. (E170089)

1. Applicant

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



GRANTED
International Bureau

File # SES-STA-20190130-00043
E170089 Grant Date 2-8-19
Call Sign (or other identifier)
Term Dates From: 2-8-19 To: 3-10-19

Approved: _____

2. Contact	
Name:	Karis Hastings
Company:	SatCom Law LLC
Street:	1317 F Street, N.W. Suite 400
City:	Washington
Country:	USA
Attention:	
Phone Number:	202-599-0975
Fax Number:	
E-Mail:	karis@satcomlaw.com
State:	DC
Zipcode:	20004 -
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 02/03/2019	
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 to extend the special temporary authority granted under file number SES-STA-20181210-03423 for an additional 30 days. The current authority expires on February 3, 2019. The earth station (E170089) is being used 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			
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; party to the application; party to the application.			
		Yes ☒	No ☐
14. Name of Person Signing	15. Title of Person Signing		
Petra A. Vorwig	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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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.

12. Description

SES Americom, Inc. requests to extend the special temporary authority granted under file number SES-STA-20181210-03423 for an additional 30 days. The current authority expires on February 3, 2019. The earth station (E170089) is being used 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.



File # SES-STA-20190130-00043
Call Sign E170089 Grant Date 2-8-19
(or other identifier)
From: 2-8-19 Term Dates To: 3-10-19
Approved: _____

Applicant: SES Americom, Inc.
Call Sign: E170089
File No.: SES-STA-20190130-00043
Special Temporary Authority (STA)

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

7. 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

8. Operations of this station during the period from expiration of February 3, 2019, FCC IBFS file number SES-STA-20181210-03423, to the grant of this special temporary authority was authorized pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. § 1.62.

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.