

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for 180 STA to Provide TT&C for ASTRA 1H at 80.8 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		

180 days "with conditions"

File # SES-STA-20180712-01788

Call Sign E170089 Grant Date 08/28/2018  
(or other identifier)

Term Dates  
From: 08/28/2018 To: 02/24/2019

Approved: *[Signature]*



**GRANTED**  
International Bureau

<b>2. Contact</b>	
<b>Name:</b>	Karis Hastings
<b>Company:</b>	SatCom Law LLC
<b>Street:</b>	1317 F Street, N.W. Suite 400
<b>City:</b>	Washington
<b>Country:</b>	USA
<b>Attention:</b>	
<b>Phone Number:</b>	202 599 0975
<b>Fax Number:</b>	
<b>E-Mail:</b>	karis@satcomlaw.com
<b>State:</b>	DC
<b>Zipcode:</b>	20004 -
<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 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 type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other	
6. Requested Use Prior Date	
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: 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.) SES Americom, Inc. requests special temporary authority for 180 days 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 80.8 W.L. SES Americom is not requesting market access for the satellite. Please see attached narrative.	
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; for these purposes. Yes <input checked="" type="radio"/> No <input type="radio"/>	
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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**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.**

Applicant: SES Americom, Inc.  
Call Sign: E170089  
File No.: SES-STA-20180712-01788  
Special Temporary Authority (STA)

SES Americom, Inc. is granted special temporary authority for 180 days, to operate its fixed earth station in Mt. Airy, MD to provide telemetry, tracking and control services to the ASTRA 1H satellite as it relocates from 67° W.L. to, and at, 80.8° W. L. on center 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). 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. 47C.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.
3. 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.
4. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending or future SES Americom, Inc. applications.
5. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at SES Americom, Inc.'s risk.
6. 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](mailto: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.



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Approved: Paul E. Hays