

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
60-day STA Request for E050287 to Support Relocation of ASTRA 3A to 86.8 W.L.

I. 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		



File # SES-STA-20191105-01432
Call Sign E050287 Grant Date 11/14/2019
(or other identifier) Term Dates
From 11/14/2019 To: 01/13/2020
Approved: Paul E. Hobbs

Applicant: SES Americom, Inc.
Call Sign: E050287
File No.: SES-STA-20191105-01432
Special Temporary Authority (STA)



File # SES-STA-20191105-01432
Call Sign E050287 Grant Date 11/14/2019
(or other identifier)
Term Dates
From 11/14/2019 To: 1/13/2020
Approved: [Signature]

SES Americom, Inc. ("SES Americom") is granted STA, for 60 days, beginning November 14, 2019, to operate 13.1-meter Ku-band antenna at its new fixed earth station in MOUNT AIRY, MD to provide telemetry, tracking, and control (TT&C) functions for the ASTRA 3A spacecraft using Ku-band frequencies as the satellite drifts from 47 W.L. to 86.8 W.L. and to support operations at that orbital location on center frequencies 14499 MHz (Earth-to-space), and 11450.25 MHz and 11699.50 MHz (space-to-Earth). Operations will be under the following conditions:

1. EIRP density of TT&C transmissions are limited to the limits authorized in granted of IBFS File No SES-MFS-2016062400607 which is the current authorization for this earth station.
2. Operations, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.
3. In the event of any harmful interference under this grant of STA, SES Americom must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
4. Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector. Appropriate measures must also be taken to restrict access to other regions in which the earth station's power flux density levels exceed the specified guidelines.
5. The licensee shall take all necessary measures to ensure that the antenna does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.
6. Grant of this authorization is without prejudice to any determination that the Commission may make regarding SES Americom's pending application IBFS File No. SES-LIC-20191105-01403.
7. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at SES Americom's risk.

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.

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 or Submission ID IB2019003769	
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	
7. City/Mt. Airy	
8. Latitude (dd mm ss.s h) 39 22 37.1 N	

9. State MD	10. Longitude (dd mm ss.s h) 77 4 49.1
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. respectfully requests earth station special temporary authority for a period of 60 days beginning on November 8, 2019 to permit SES to use its E050287 earth station to perform Tracking, Telemetry and Command for the ASTRA 3A spacecraft using Ku-band frequencies as the satellite drifts from 47 W.L. to 86.8 W.L. and to support	
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. 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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12. Description

SES Americom, Inc. respectfully requests earth station special temporary authority for a period of 60 days beginning on November 8, 2019 to permit SES to use its E050287 earth station to perform Tracking, Telemetry and Command for the ASTRA 3A spacecraft using Ku-band frequencies as the satellite drifts from 47 W.L. to 86.8 W.L. and to support operations at that orbital location. A full description of the proposed operations is provided in a modification application filed in parallel with this request, and STA is sought pending grant of the modification. The request is in the public interest because it will ensure safe satellite operations without causing interference to authorized users. See IBFS Submission ID IB2019003769.