


APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request to Extend STA for 60 Days to Operate E170137 (WB K-14) with AMC-4 (S2135) at 134.9 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-20170915-01028~~
E170137 Grant Date 9-26-17
Call Sign (or other identifier)
From: 9-30-17 Term Dates To: 11-29-17
Approved: *Petra Vorwig*
Deputy Chief, Satellite Div.



GRANTED
International Bureau



File # SES-STA-20170915-01028

Call Sign E170137 Grant Date 9-26-17
(or other identifier)

Term Dates
From: 9-30-17 To: 11-29-17

Approved: Kus Munez
Deputy Chief, Satellite Div.

Applicant: SES Americom, Inc.
Call Sign: E170137
File No.: SES-STA-20170915-01028
Special Temporary Authority (STA)

SES Americom, Inc. ("SES Americom") is granted extension of STA, for 60 days, continuing on September 30, 2017 to operate 7.6 meter ASC Signal Ku-band antenna at its new fixed earth station located at 39° 22' 38.8" N.L, 077° 04' 52.0" W.L in Mt. Airy, Maryland to communicate with AMC-4 (Call Sign S2135) at permanent orbital location 134.9° W.L. on conventional Ku-band frequencies 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth). Operations will be under the following conditions:

1. Operations shall not exceed the operational power levels and parameters requested:
Maximum eirp: 84.8 dBW
Maximum eirp density: 45.3 dBW/4kHz
Emissions: 36M0G7W, 100KG7W, N0N
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, E170137 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-20170725-00795.
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: George Varkey	Phone Number: 609-987-4327
Company: SES Americom, Inc.	Fax Number:
Street: 4 Research Way	E-Mail: george.varkey@ses.com
City: Princeton	State: NJ
Country: USA	Zipcode: 08540 -
Attention:	Relationship: Engineer
(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 SESLIC2017072500795 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	
09/29/2017	
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 52.0 W
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 No. SES-STA-20170725-00794 for an additional 60 days to continue operating its new WB K-14 antenna (Call Sign E170137) in the conventional and extended Ku-band with AMC-4 (S2135) pending action on the application filed under File Number SES-LIC-20170725-00795.	
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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