

Approved:

Date

Term Dates

(beginning)

Quantity

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for STA to Perform In-Orbit Testing and TT&C for SES-15 Using Antenna E170139

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		

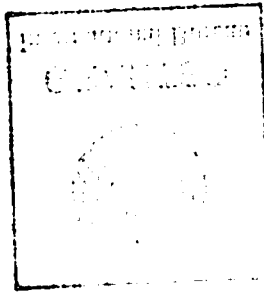


File # SES-STA-20171026-01216 "with conditions"

Call Sign E170139 Grant Date 11/06/2017
(or other identifier)

Term Dates
From: 11/19/2017 To: 12/19/2017

Approved: [Signature]



Address: _____
From: _____ To: _____
Date: _____
City: _____
State: _____
Zip: _____

Applicant: SES Americom, Inc.
File No.: SES-STA-20171026-01216
Call Sign: E170139
Special Temporary Authority

SES Americom, Inc. is granted a special temporary authority for 30 days, beginning November 19, 2017, to operate a 9.0 meter earth station antenna (E170139) located at 34° 19' 32.3' N / 118° 59' 43.20' W in Somis, California, to perform in-orbit testing ("IOT") of the satellite's Ku-band payload, and to provide telemetry, tracking and command (TT&C) services for the SES-15 satellite (S2951) while it is located at 137° W.L. and during the satellite's drift to its final orbital location, 129.15° W.L. The following frequency bands will be use to preform testing of the SES-15 Ku-band payload: 14000-14500 MHz (Earth-to-space) and 10700-12200 MHz (space-to-Earth) and to provide TT&C while SES-15 satellite is located at 137° W.L. as it drifts to 129.15° W.L. will use the following frequencies: 10700.50 MHz and 12199.50 MHz (space-to-Earth) and 13999 MHz, 14001 MHz and 14499 MHz (Earth-to-space), under the following conditions:

1. The maximum EIRP shall not exceed 85 dBW per NTIA manual US 356 for the uplink frequency: 13999 MHz within the coordinated emission and power limits.
2. All operators of satellite will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs, Currently the 24x7 contact information for the SES-15 (S2951) mission is as follows: Ph.: (805) 386-2712- Request to speak with Dave Coyle.
4. All operations under this grant of special temporary authority shall be on an unprotected and non-harmful interference basis. SES Americom, Inc.'s, E170139, shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
5. In the event of any harmful interference under this grant of special temporary authority, SES Americom, Inc., E170139, must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
6. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future SES Americom, Inc. applications.
7. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at SES Americom, Inc.'s risk.
8. 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.



File # SES-STA-20171026-01216
Call Sign E170139 Grant Date 11/06/2017
(or other identifier)
Term Dates
From: 11/19/2017 To: 12/19/2017
Approved: Paul E. Maas

"With Conditions"

2. Contact	
Name: Karis Hastings	Phone Number: 202-599-0975
Company: SatCom Law LLC	Fax Number:
Street: 1317 F St, NW 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	
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 11/19/2017	
7. City Somis	8. Latitude (dd mm ss.s h) 34 19 32.3 N

9. State CA	10. Longitude (dd mm ss.s h) 118 59 43.2 W
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.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">SES Americom, Inc. requests special temporary authority (STA) to operate antenna E170139 to test the Ku-band payload on SES-15 (call sign S2951) and provide TT&C during in-orbit testing of the satellite at 137 W.L. and during drift to 129.15 W.L. SES requests authority for 30 days beginning on November 19, 2017. See attached narrative.</div>	
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. <input checked="" type="radio"/> Yes <input type="radio"/> No	
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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