



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:  
STA-WBN-C6-Earth Station Dec 2017

I. Applicant

<b>Name:</b>	SES Americom, Inc.	<b>Phone Number:</b>	202-478-7144
<b>DBA Name:</b>		<b>Fax Number:</b>	202-478-7111
<b>Street:</b>	1129 20th Street NW Suite 1000	<b>E-Mail:</b>	nancy.eskenazi@ses.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20036 -
<b>Attention:</b>	Ms Nancy Eskenazi		



60 days

"With conditions"

File # SES-STA-20171205-01305

Call Sign E020096 Grant Date 12/14/2017  
(or other identifier)

Term Dates  
From: 12/14/2017 To: 02/12/2018

Approved: Paul E. Blair




Applicant: SES Americom, Inc.  
File No.: SES-STA-20171205-01305  
Call Sign: E020096  
Special Temporary Authority

SES Americom, Inc. is granted a special temporary authority for 60 days, beginning December 14, 2017, to operate a 11 meter earth station antenna (E020096) located at 39° 22' 36.7" N/ 77° 4" 50.8' W in Mount Airy, Maryland, for significant services, including performing telemetry, tracking and command ("TT&C") necessary to ensure safe operation of SES spacecraft and supporting video distribution using the following frequency bands: 3700-4200 MHz (H,V) (space-to-Earth) and 5925-6405 MHz and 6422-6425 MHz (H,V) (Earth-to-space) to communicate with AMC-10 (S2432) satellite at 135° WL, under the following conditions:

1. All operations must be 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 AMC-10 (S2432) mission is as follows: Mr. Mark Rahert at (410) 970-7501.
3. All operations under this grant of special temporary authority shall be on an unprotected and non-harmful interference basis. SES Americom, Inc.'s E020096, shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
4. In the event of any harmful interference under this grant of special temporary authority, SES Americom, Inc.'s E020096, must cease operations immediately upon notification of such interference and must inform the Commission, in writing, immediately of such an event.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future SES Americom, Inc. applications.
6. 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.
7. 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.

*60 days*      *"With Conditions"*

 <b>GRANTED</b> International Bureau	File # <u>SES-STA-20171205-01305</u>
	Call Sign <u>E020096</u> Grant Date <u>12/14/2017</u> (or other identifier)
	Term Dates From: <u>12/14/2017</u> To: <u>02/12/2018</u>
	Approved: <u><i>Paul T. Hines</i></u>

## **STAREQUEST FOR SPECIAL TEMPORARY AUTHORITY**

SES Americom, Inc. ("SES") respectfully requests immediate special temporary authority ("STA") for a period of 60 days to continue operations of an 11 meter C-band antenna at the SES Woodbine teleport in Mt. Airy, MD that was previously licensed under call sign E020096. SES recently discovered that the E020096 license had expired on August 13, 2017, without a timely renewal application having been filed. SES is preparing an application for a new license for the antenna and seeks STA to permit ongoing use of the antenna pending submission of and action on the license application.

Attachment 1 hereto sets forth the technical details of the proposed operations. Consistent with the guidelines in the recent International Bureau public notice,<sup>1</sup> SES has determined the coordinates for the antenna using a GPS-based system, which resulted in a slight shift in the coordinates from what had been licensed under call sign E020096. These corrected coordinates are provided in Attachment 1, along with revised information regarding the site elevation. Apart from these changes, the operational parameters set forth in Attachment 1 conform to the specifications that had been set forth in the E020096 license.<sup>2</sup>

The operations proposed under the requested STA will not cause harmful interference to any authorized spectrum user. The 11 meter antenna was licensed under call sign E020096 in 2002 after coordination with terrestrial networks and has been in use since then without any interference complaints having been received. Moreover, the antenna is part of a teleport facility with multiple operational antennas, including another 11 meter C-band antenna of the same model licensed under call sign E990136, which remains in effect. Accordingly, no other licensee or applicant was

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<sup>1</sup> See International Bureau Addresses Accuracy of Earth Station Location Information in IBFS, DA 17-1127 (Nov. 27, 2017).

<sup>2</sup> Given the need to submit a new application to replace the E020096 license, SES is taking the opportunity to seek updated technical specifications for this antenna in order to provide additional operating flexibility going forward. However, pending grant of a new license, SES seeks STA to operate consistent with the prior E020096 license.

disadvantaged by the lapse in the E020096 license, as all parties were on notice of ongoing operations at the Woodbine site.

Grant of the STA will serve the public interest by permitting continued use of the 11 meter antenna for significant services, including performing telemetry, tracking and command ("TT&C") necessary to ensure safe operation of SES spacecraft and supporting video distribution relied on by multiple content providers. SES regrets the oversight that allowed the E020096 license to lapse and is undertaking a review and update of its earth station licensing practices to ensure compliance with Commission requirements.

For the foregoing reasons, SES respectfully requests special temporary authority for a period of 60 days to operate the 11 meter antenna as described herein. Grant of this STA is in the public interest as it will enable continuity for TT&C and other important services without creating harmful interference to any other spectrum user.

**2. Contact**

<b>Name:</b>	George Varkey	<b>Phone Number:</b>	1 609 987 4327
<b>Company:</b>	SES	<b>Fax Number:</b>	609-987-4260
<b>Street:</b>	4 Research Way	<b>E-Mail:</b>	george.varkey@ses.com
<b>City:</b>	Princeton	<b>State:</b>	NJ
<b>Country:</b>	USA	<b>Zipcode:</b>	08540 -
<b>Attention:</b>		<b>Relationship:</b>	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 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

7. City/Mt. Airy

8. Latitude  
(dd mm ss.s h)    39 22 36.7 N

9. State MD	10. Longitude (dd mm ss.s h) 77 4 50.8 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. (SES) respectfully requests immediate Special Temporary Authority (STA) for a period of 60 days to allow use of an 11.0 meter C-band antenna at the SES Woodbine teleport in Mt. Airy, MD that was previously licensed under call sign E020096. SES recently discovered that the license for this antenna had expired in August without a </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 Nanacy J Eskenazi	15. Title of Person Signing VP, Legal & Global Regulatory
<b>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).</b>	



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## **12. Description**

SES Americom, Inc. (SES) respectfully requests immediate Special Temporary Authority (STA) for a period of 60 days to allow use of an 11.0 meter C-band antenna at the SES Woodbine teleport in Mt. Airy, MD that was previously licensed under call sign E020096. SES recently discovered that the license for this antenna had expired in August without a timely renewal application having been filed. SES is preparing an application for a new license for the antenna and seeks STA to permit ongoing use of the antenna pending submission of and action on the license application. See attached narrative.