



\*with conditions

File # SAT-STA-20201022-00124

Call Sign S2713 Grant Date 11/16/2020  
(or other identifier)

Term Dates period of  
From 11/15/2020 To: 30 days

Approved by OMB  
3060-0678

Approved: Merissa L. Velez  
Merissa L. Velez  
Chief, Satellite Policy Branch

Date & Time Filed: Oct 22 2020 9:54:41:036AM  
File Number: SAT-STA-20201022-00124  
Callsign:

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY  
  
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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:  
Request for STA to relocate AMC-18 to 83 W.L. on Oct. 26, 2020

1. Applicant

<b>Name:</b>	SES Americom, Inc.	<b>Phone Number:</b>	202-478-7143
<b>DBA Name:</b>		<b>Fax Number:</b>	202-478-7111
<b>Street:</b>	1129 20th Street NW Suite 1000	<b>E-Mail:</b>	petra.vorwig@ses.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20036 -
<b>Attention:</b>	Ms Petra A Vorwig		

**ATTACHMENT TO GRANT**  
SES Americom, Inc.  
IBFS File No. SAT–STA–20201022–00124

<b>IBFS File No(s):</b>	SAT–STA–20201022–00124	<div><b>GRANTED – With Conditions</b></div> <div></div> <div><b>International Bureau Satellite Division</b></div>
<b>Licensee/Grantee:</b>	SES Americom, Inc.	
<b>Call Sign:</b>	S2713	
<b>Satellite Name:</b>	AMC-18	
<b>Orbital Location: (required station-keeping tolerance)</b>	83.0° W.L. (+/- 0.05 degrees east/west station keeping)	
<b>Administration:</b>	United States of America	
<b>Nature of Service:</b>	Fixed Satellite Service (FSS); Telemetry, Tracking, and Command (TT&C)	
<b>Scope of Grant:</b>	Special temporary authority for an additional period of 30 days to: (1) conduct TT&C operations necessary to drift AMC-18 from the 139° W.L. orbital location to the 83° W.L. orbital location and maintain it at that orbital location upon its arrival; and (2) provide FSS using AMC-18’s C-band frequencies at 83° W.L. <sup>1</sup>	
<b>Service Area(s):</b>	United States and Canada	
<b>Frequencies:</b>	Frequencies: 3700-4200 MHz (space-to-Earth) 5925-6425 MHz (Earth-to-space)  TT&C center frequencies: 3700.5 MHz; 4199.5 MHz (space-to-Earth) 6423.5 MHz (Earth-to-space)	
<b>Unless otherwise specified herein, operations under this grant must comport with the legal and technical specifications set forth by the applicant or petitioner and with Federal Communication Commission’s rules not waived herein. This grant is also subject to the following conditions:</b>  <div><div>1.</div><div>Operations pursuant to this special temporary authority must be on an unprotected and non-harmful interference basis, i.e., the AMC-18 space station must not cause harmful interference to, and must not claim protection from interference caused to it by, any other lawfully operating station. In the event of any harmful interference, AMC-18 must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.</div></div> <div><div>2.</div><div>SES must coordinate the operations of AMC-18 with existing geostationary space stations to ensure that no unacceptable interference results from its operations during drift to the 83° W.L. orbital location.</div></div> <div><div>3.</div><div>SES must operate only the TT&amp;C frequencies authorized for AMC-18 during the space station’s drift to the 83° W.L. orbital location.</div></div> <div><div>4.</div><div>SES must continue to comply with the grant conditions set forth in IBFS File No. SAT-A/O-20171221-00174.</div></div> <div><div>5.</div><div>Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at SES’s own risk.</div></div>		
Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as		

<sup>1</sup> This special temporary authority is granted with a start date of November 15, 2020, immediately following the expiration of the prior grant of special temporary authority, *see* IBFS File No. SAT-STA-20201006-00122, rather than October 26, 2020, as originally requested by SES. On November 13, 2020, SES filed a letter updating its application to indicate that the AMC-18 space station will arrive at the 83° W.L. orbital location on December 4, 2020. *See* Letter from Petra A. Vorwig, SES Americom Inc. to Marlene H. Dortch, Secretary, FCC (filed Nov. 13, 2020).

**ATTACHMENT TO GRANT**  
SES Americom, Inc.  
IBFS File No. SAT-STA-20201022-00124

conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned. This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 CFR § 0.261, and is effective upon release.

Station licenses are subject to the conditions specified in Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(h).

<b>Action Date:</b>	November 16, 2020
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<b>Term Dates</b>	<b>From:</b> November 15, 2020	<b>To:</b> period of 30 days
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**Approved:**



Merissa L. Velez  
Chief, Satellite Policy Branch

2. Contact	
<b>Name:</b> Kelsie Rutherford <b>Company:</b> SES <b>Street:</b> 1129 20th Street NW Suite 1000 <b>City:</b> Washington <b>Country:</b> USA <b>Attention:</b>	<b>Phone Number:</b> 202-478-7191 <b>Fax Number:</b> <b>E-Mail:</b> kelsie.rutherford@ses.com  <b>State:</b> DC <b>Zipcode:</b> 20036 – <b>Relationship:</b> Same
(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 SATAMD2020081800098 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    CRY – Space Station (Geostationary)	
5. Type Request  <input checked="" type="radio"/> Change Station Location <input type="radio"/> Extend Expiration Date <input type="radio"/> Other	
6. Temporary Orbit Location 83 W.L.	7. Requested Extended Expiration Date

8. 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. (SES) seeks STA for a period of 30 days beginning on October 26, 2020 to drift the AMC-18 spacecraft from 139 W.L. to 83 W.L.. SES previously requested and was granted an STA to relocate AMC-18 beginning on October 16, File No. SAT-STA-20201006-00122. However, the drift commencement has been delayed, as discussed in the Section 1.65

9. 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 ☐ No

10. Name of Person Signing  
Petra A. Vorwig

11. Title of Person Signing  
Vice President, Legal & Regulatory Affairs

12. Please supply any need attachments.

Attachment 1:

Attachment 2:

Attachment 3:

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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## **8. Description**

SES Americom, Inc. (SES) seeks STA for a period of 30 days beginning on October 26, 2020 to drift the AMC-18 spacecraft from 139 W.L. to 83 W.L.. SES previously requested and was granted an STA to relocate AMC-18 beginning on October 16, File No. SAT-STA-20201006-00122. However, the drift commencement has been delayed, as discussed in the Section 1.65 letter SES submitted on October 19 in File Nos. SAT-MOD-20200615-00074 and SAT-AMD-20200818-00098. Apart from the change in date of commencement, the planned relocation is consistent with the authority granted in File No. SAT-STA-20201006-00122, and SES incorporates by reference the materials filed in support of that request.