

File # SAT-STA-20200605-00067

Call Sign 52347 Grant Date June 16, 2020

(or other identifier)

Term Dates

From June 16, 2020 To: 60 Days

Approved: [Signature]

John W. Whelan
Henry Clark
Satellite Policy Branch

Approved by OMB
3060-0678



*with conditions

Date & Time Filed: Jun 5 2020 5:47:34:946PM
File Number: SAT-STA-20200605-00067
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-6 to 139 W.L. pending modification application

1. 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		

ATTACHMENT TO GRANT
SES Americom, Inc.
IBFS File No. SAT–STA–20200605-00067

IBFS File No(s):	SAT–STA–20200605–00067	<p>GRANTED – With Conditions</p>  <p>International Bureau Satellite Division</p>
Licensee/Grantee:	SES Americom, Inc.	
Call Sign:	S2347	
Satellite Name:	AMC-6	
Orbital Location: (required station-keeping tolerance)	139.0° W.L. (+/- 0.05 degrees east/west station keeping)	
Administration:	United States of America	
Nature of Service:	Fixed Satellite Service (FSS); Direct-to-home (DTH); ¹ Telemetry, Tracking, and Command (TT&C)	
Scope of Grant:	Special temporary authority for a period of 60 days to: (1) conduct TT&C operations necessary to drift AMC-6 from the 83.0° W.L. orbital location to the 139.0° W.L. orbital location and maintain it at that orbital location upon its arrival; and (2) provide FSS using AMC-6's C-band frequencies at 139.0° W.L.	
Service Area(s):	Western and Central North America and the Pacific Ocean	
Frequencies:	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)	
<p>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:</p> <ol style="list-style-type: none"> 1. Operations pursuant to this special temporary authority must be on an unprotected and non-harmful interference basis, i.e., the AMC-6 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-6 must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event. 2. SES must coordinate the operations of AMC-6 with existing geostationary space stations to ensure that no unacceptable interference results from its operations during drift to the 139.0° W.L. orbital location. 3. SES must operate only the TT&C frequencies authorized for AMC-6 during the space station's drift to the 139.0° W.L. orbital location. 4. SES must continue to comply with the grant conditions set forth in IBFS File No. SAT-MOD-20170628-00102, except for those conditions regarding operations in Ku-band frequencies.² 5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at SES's own risk. 		
<p>Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as 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.</p>		

¹ For purposes of this grant, DTH means the services subject to section 25.701 of the Commission's rules. 47 CFR § 25.701.

² AMC-6 will not operate in its Ku-band frequencies at the 139.0° W.L. orbital location. See Narrative at 2 in IBFS File No. SAT-MOD-20200605-00066.

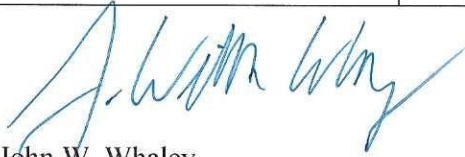
ATTACHMENT TO GRANT
SES Americom, Inc.
IBFS File No. SAT-STA-20200605-00067

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).

Action Date:	June 16, 2020
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Term Dates	From: June 16, 2020	To: period of 60 days
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Approved:


John W. Whaley
Acting Chief, Satellite Policy Branch

2. Contact

Name: Karis Hastings **Phone Number:** 202-599-0975
Company: SatCom Law LLC **Fax Number:**
Street: 1317 F Street, N.W. **E-Mail:** karis@satcomlaw.com
 Suite 400
City: Washington **State:** DC
Country: USA **Zipcode:** 20004 -
Attention: **Relationship:**

(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 SATMOD2020060500066 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 CRY - Space Station (Geostationary)

5. Type Request

Change Station Location Extend Expiration Date Other

6. Temporary Orbit Location
139 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. hereby respectfully requests special temporary authority for 60 days beginning no later than June 18, 2020, to permit relocation of the AMC-6 C/Ku-band fixed satellite space station (S2347) to 139 W.L. pending action on an application to modify the AMC-6 license (File No. SAT-MOD-20200605-00066). Please see attached narrative.

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: Narrative

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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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554**

In the Matter of)
)
SES AMERICOM, INC.) File No. SAT-STA-_____
) Call Sign S2347
Application for Special Temporary Authority to)
Relocate the AMC-6 Fixed-Satellite Space Station)
to, and Operate it at, 139° W.L.)

REQUEST OF SES AMERICOM, INC.

SES Americom, Inc. (“SES”) respectfully requests special temporary authority (“STA”) for a period of 60 days beginning no later than June 18, 2020 to permit SES to relocate the AMC-6 C/Ku-band fixed-satellite space station from 83° W.L. to 139° W.L. Specifically, SES seeks authority to: (1) drift AMC-6 from its current position at 83° W.L. to 139° W.L. and maintain it at that location using C-band frequencies for Telemetry, Tracking and Command (“TT&C”)¹; and (2) operate AMC-6 using C-band frequencies in order to serve existing and new customers at that orbital location. SES seeks an STA pending action on the application it filed today to modify the AMC-6 license to reassign the satellite to 139° W.L.² Grant of the requested authority will serve the public interest by allowing SES to meet evolving customer demand for C-band capacity at 139° W.L.

As explained in the Modification, the planned relocation of AMC-6 is consistent with Commission precedent and will not adversely affect any other operators. In order to meet

¹ The Ku-band telemetry carriers on AMC-6 will not be used during the drift or after the satellite arrives at 139° W.L. The AMC-6 C-band TT&C frequencies are as follows:

Command: 6423.5 MHz (Earth-to-space)
Telemetry: 3700.5 MHz (space-to-Earth),
4199.5 MHz (space-to-Earth).

² SES Americom, Inc., Call Sign S2347, File No. SAT-MOD-20200605-00066 (the “Modification”).

customer requirements, and to ensure that AMC-6 arrives at 139° W.L. before the eclipse season begins, SES proposes to begin the drift of AMC-6 no later than June 18, 2020. In preparation for the relocation, all AMC-6 customers will be moved to other SES satellites, so the relocation of AMC-6 will not interrupt service to any customers. Only the C-band TT&C frequencies of AMC-6 will be used during the drift, and SES will follow standard industry practices for coordination of TT&C transmissions while the satellite is being relocated.³

For the foregoing reasons, SES respectfully requests grant of STA to permit relocation of AMC-6 to, and operation of the satellite at, 139° W.L.

Respectfully submitted,

SES AMERICOM, INC.

By: /s/ Petra A. Vorwig

Petra A. Vorwig
Vice President, Legal & Regulatory Affairs
SES Americom, Inc.
1129 20th Street, N.W., Suite 1000
Washington, D.C. 20036

Dated: June 5, 2020

³ The 24/7 point of contact for the proposed drift is the SES Payload Management Operations Centre (PMOC) in Woodbine, MD, +1 410 970 7570; e-mail: PMOC@ses.com.