

S2434 SAT-STA-20170619-00091 IB2017001599
SES Americom, Inc.
AMC-9



File # SAT-STA-20170619-00091

Call Sign S2434 Grant Date 06/19/17
(or other identifier)

Term Dates period of
From 06/19/17 To: 30 days

Approved by OMB
3060-0678

Date & Time Filed: Jun 19 2017 11:42:19:470AM
File Number: SAT-STA-20170619-00091
Callsign:

Approved: Stephen J. Duell
Stephen J. Duell
Chief, Satellite Policy Branch

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 for AMC-9 (Call Sign S2434) June 2017

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-20170619-00091

IBFS File No(s):	SAT-STA-20170619-00091	<p>GRANTED – With Conditions</p>  <p>International Bureau Satellite Division</p>
Licensee/Grantee:	SES Americom, Inc.	
Call Sign:	S2434	
Satellite Name:	AMC-9	
Orbital Location: (required station-keeping tolerance)	83.0 W.L. (see Scope of Grant)	
Administration:	United States of America	
Nature of Service:	Telemetry, tracking and command (TT&C)	
Scope of Grant:	Special temporary authority for a period of 30 days to conduct TT&C with the AMC-9 space station outside of its assigned stationkeeping volume of +/- 0.05 degrees at 83 W.L.	
Service Area(s):	N/A	
Frequencies:	Command: 6423.5 MHz (Earth-to-space) Telemetry: 3700.5 MHz, 4199.5 MHz, 11702.0 MHz, 12198.0 MHz (space-to-Earth)	
<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. SES Americom is required to accept interference from other lawfully operating space stations or radio communications systems 2. In the event of any harmful interference to other lawfully operating space stations or radio communications systems, SES Americom shall inform the Commission, in writing, immediately of such an event. 		
<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.</p> <p>This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.</p> <p>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).</p>		
Action Date:	June 19, 2017	
Term Dates	From: June 17, 2017	To: period of 30 days
Approved:	 Stephen J. Duall Chief, Satellite Policy Branch	

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?

- 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

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) requests immediate special temporary authority for 30 days for operations of AMC-9 (Call Sign S2434) outside the satellite's assigned stationkeeping volume. 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
Senior Legal & Regulatory Counsel

12. Please supply any need attachments.

Attachment 1: STA 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).

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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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 S2434
Request for Special Temporary Authority for the AMC-9 Fixed-Satellite Space Station)	

EXPEDITED ACTION REQUESTED

REQUEST OF SES AMERICOM, INC.

SES Americom, Inc. (“SES”), pursuant to Section 25.120 of the Commission’s rules, 47 C.F.R. § 25.120, hereby respectfully requests immediate special temporary authority (“STA”) for a period of 30 days and a waiver of the stationkeeping tolerance requirements of Section 25.210(j), 47 C.F.R. § 25.210(j), to permit continued operations of the AMC-9 satellite outside of its assigned stationkeeping volume at 83° W.L. +/- 0.05 degrees.

AMC-9 is a hybrid C/Ku-band satellite that is licensed to operate pursuant to Commission authority at 83° W.L.¹ As SES previously informed personnel in the Commission’s Satellite Division, on June 17, 2017, AMC-9 experienced an anomaly of unknown origin. Due to this anomaly, the satellite is not responding to commands, and SES is unable to maintain the satellite in its assigned stationkeeping volume. SES seeks STA to continue communications with the satellite for Telemetry, Tracking and Command (“TT&C”) purposes only.² Based on the

¹ See *SES Americom, Inc.*, Call Sign S2434, File No. SAT-MOD-20110621-00115, granted Aug. 25, 2011.

² The AMC-9 TT&C frequencies are as follows.

<u>Command:</u>	6423.5 MHz
<u>Telemetry:</u>	3700.5 MHz
	4199.5 MHz
	11702.0 MHz
	12198.0 MHz

available evidence, SES has a very high level of confidence that the satellite's communications payloads are off, and SES is not seeking authority to operate the communications payloads.

Granting the STA and the associated waiver will serve the public interest and is consistent with Commission policy:

The Commission may waive a rule for good cause shown. Waiver is appropriate if special circumstances warrant a deviation from the general rule and such deviation would better serve the public interest than would strict adherence to the general rule. Generally, the Commission may grant a waiver of its rules in a particular case if the relief requested would not undermine the policy objective of the rule in question and would otherwise serve the public interest.³

The Commission may also take into account considerations of hardship and equity when evaluating a waiver request.⁴

These considerations justify a waiver of the Commission's stationkeeping tolerance requirements in this instance. Because of the technical anomaly affecting the AMC-9 satellite, the spacecraft is not responding to the commands necessary to maintain it within its assigned stationkeeping volume. As a result, SES is unable to conform to the requirements of Section 25.210(j). Waiving the rule will allow SES to continue its efforts to regain control of the spacecraft. SES is taking all practical steps to coordinate the safe operation of AMC-9, including contacting the operators of neighboring satellites.

As discussed above, SES asks that the requested STA take effect immediately. The anomaly affecting AMC-9 occurred suddenly and without warning, and is the type of

³ *PanAmSat Licensee Corp.*, 17 FCC Rcd 10483, 10492 (Sat. Div. 2002) (footnotes omitted).

⁴ *Wait Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969), *cert. denied*, 409 U.S. 1027 (1972).

extraordinary circumstance that warrants grant of authority on less than three business days' notice under Section 25.120(a).

For the foregoing reasons, SES respectfully requests expedited grant of this STA to permit operation of the TT&C payload of AMC-9 outside the satellite's assigned stationkeeping volume.

Respectfully submitted,

SES AMERICOM, INC.

By: /s/ Petra A. Vorwig

Of Counsel

Karis A. Hastings
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Dated: June 19, 2017