

S2180 SAT-STA-20050304-00055 IB2005000477  
SES Americom, Inc.  
AMC-15



File # SAT-STA-20050304-00055  
*with attached conditions*

Call Sign S2180 Grant Date 3/7/2005  
(or other identifier) Approved by OMB  
3060-0678

Term Dates  
From 3/7/2005 To: 3/15/2005

Approved: *[Signature]* *Chief Satellite*  
*Robert G. Nelson Engineering*

Date & Time Filed: Mar 4 2005 10:25:47:976AM  
File Number: SAT-STA-20050304-00055  
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:  
STA Extension Request to continue operating AMC-15 at 117 degrees W.L.

1. Applicant

<b>Name:</b>	SES Americom, Inc.	<b>Phone Number:</b>	609-987-4000 x4187
<b>DBA Name:</b>		<b>Fax Number:</b>	609-987-4233
<b>Street:</b>	4 Research Way	<b>E-Mail:</b>	nancy.eskenazi@ses-americom.com
<b>City:</b>	Princeton	<b>State:</b>	NJ
<b>Country:</b>	USA	<b>Zipcode:</b>	08540 -
<b>Attention:</b>	Ms. Nancy J. Eskenazi		

**Attachment**  
**SAT-STA-20050304-00055**  
**AMC-15**  
**Call Sign: S2180**  
**March 7, 2005**

1. SES Americom, Inc.'s ("SES Americom") application for Special Temporary Authority, File No: SAT-STA-20050304-00055 IS GRANTED. Accordingly, SES Americom is authorized, for the period of March 7, 2005 to March 15, 2005, to continue to operate the AMC-15 Ka-band payload and Ku-band Telemetry, Tracking and Control functions at 117.0° W.L., in accordance with the terms, conditions, and technical specifications set forth in its application, the *SES Americom Memorandum Opinion & Order*,<sup>1</sup> this Attachment and the Commission's Rules.
2. The conditions of the *SES Americom Memorandum Opinion & Order* otherwise remain in effect.

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<sup>1</sup> See *SES Americom, Inc., Memorandum Opinion & Order*, DA 05-39 (Sat. Div. Int'l Bur. rel. January 6, 2005).

2. Contact

<b>Name:</b>	Karis A. Hastings, Esq.	<b>Phone Number:</b>	202-637-5767
<b>Company:</b>	Hogan & Hartson L.L.P.	<b>Fax Number:</b>	202-637-5910
<b>Street:</b>	555 Thirteenth Street, NW	<b>E-Mail:</b>	KAHastings@HHLaw.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20004 -1109
<b>Contact Title:</b>		<b>Relationship:</b>	Legal Counsel

(If your application is related to an application filed with the Commission, enter the file number below.)

3. Reference File Number

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  
117 degrees W. L.

7. Requested Extended Expiration Date  
2005-03-15 00:00:00.0

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 extension until March 15, 2005, of its special temporary authority to operate the AMC-15 Ka-band payload and Ku-band TT&C at 117 degrees W.L.

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  
Nancy J. Eskenazi

11. Title of Person Signing  
Vice President and Associate General Counsel

12. Please supply any need attachments.

Attachment 1: Att. 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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**Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554**

In the Matter of Application by )  
SES AMERICOM, INC. ) File No. SAT-STA-\_\_\_\_\_  
For Extension of Special Temporary )  
Authority to Operate AMC-15 at 117° W.L. )

*EXPEDITED ACTION REQUESTED*

**APPLICATION OF SES AMERICOM, INC.**

SES Americom, Inc. ("SES Americom") hereby respectfully requests special temporary authority to continue to operate the AMC-15 Ka-band payload and Ku-band TT&C at 117° W.L. for the period from March 7, 2005 to March 15, 2005. Grant of the instant request will serve the public interest.

AMC-15 is a Ku/Ka-band satellite that was launched on October 15, 2004, and is licensed to operate at the 105° W.L. orbital position.<sup>1</sup> On January 6, 2005, the Satellite Division granted SES Americom's request for authority to operate the AMC-15 Ka-band payload and Ku-band TT&C for a period of sixty days at each of two orbital locations, 117° W.L. and 113° W.L.<sup>2</sup> Specifically, the *STA Order* provided that:

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<sup>1</sup> See File Nos. SAT-LOA-20030219-00013; SAT-AMD-20030422-00069; SAT-AMD-20040615-00117; & SAT-MOD-20030214-00011, granted Aug. 18, 2004.

<sup>2</sup> *SES Americom, Inc., Memorandum Opinion & Order*, DA 05-39 (Sat. Div. rel. Jan. 6, 2005) (the "*STA Order*").

SES Americom is authorized to operate AMC-15 at 117° W.L. from January 7, 2005 to March 7, 2005. SES Americom is then authorized to drift AMC-15 to 113° W.L. and operate AMC-15 at this location from March 21, 2005 to May 21, 2005.

*Id.* at ¶ 13(e).

SES Americom now seeks authority for a minor change in the timetable specified in the *STA Order*. SES Americom still intends to relocate AMC-15 to 113° W.L. so that it would arrive at that position on March 21. However, a period of fourteen days is not necessary to accomplish this four-degree move. SES Americom typically drifts a satellite at a rate of at least a half degree a day. At this drift rate, the moving satellite is a safe distance from other spacecraft in the plane of the geostationary orbit. Moving AMC-15 more slowly (just over a quarter of a degree a day under the original schedule here) would pose risks to both AMC-15 and other spacecraft in that portion of the arc.

To avoid this risk, SES Americom proposes to delay beginning the relocation of AMC-15 to 113° W.L., instead keeping the satellite at 117° W.L. for a longer period. Specifically, SES Americom seeks extension of its special temporary authority for AMC-15 at 117° W.L. until March 15, 2005. SES Americom would then commence relocation of the satellite to 113° W.L. on March 15, drifting the satellite at a rate of approximately three-quarters of a degree per day and arriving at 113° W.L. on March 21.

Apart from this change in dates, SES Americom seeks authority for AMC-15 at 117° W.L. subject to the conditions adopted in paragraph 13 of the *STA Order*.

SES Americom hereby certifies that no party to this application is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862. SES Americom waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.

For the foregoing reasons, SES Americom seeks an extension of its special temporary authority to allow it to continue to operate the AMC-15 Ka-band payload and Ku-band TT&C at 117° W.L. for the period from March 7, 2005 to March 15, 2005. SES Americom requests expedited action on this application.

Respectfully submitted,

SES Americom, Inc.

By: /s/ Nancy J. Eskenazi  
Nancy J. Eskenazi  
Vice President and  
Associate General Counsel  
SES Americom, Inc.  
Four Research Way  
Princeton, NJ 08540

Of Counsel

Peter A. Rohrbach  
Karis A. Hastings  
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Dated: March 4, 2005