

Approved by OMB  
3060-0678

Date & Time Filed: Feb 14 2008 6:10:22:636PM  
File Number: SAT-STA-20080214-00046  
Callsign: S2134

AMC-2 @ 101

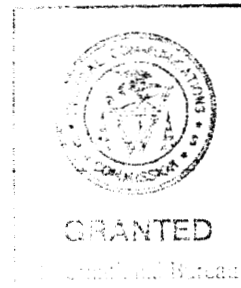
FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY  
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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:  
AMC-2 Reassignment to 101 W.L. STA REQUEST Feb 2008

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-amicom.com
<b>City:</b>	Princeton	<b>State:</b>	NJ
<b>Country:</b>	USA	<b>Zipcode:</b>	08540 -
<b>Attention:</b>	Ms Nancy J Eskenazi		



File # SAT-STA-20080214-00046

Call Sign S2134 Grant Date 2/21/08  
(or other identifier)

Term Dates  
From 2/23/08 To: + 60 days

Approved: [Signature]  
Policy Branch Chief

w/conditions

**Attachment**  
**File No. SAT-STA-20080214-00046**  
**February 21, 2008**  
**(Call Sign: S2134)**

SES Americom, Inc.'s (SES Americom) request for special temporary authority, File No. SAT-STA-20080214-00046, IS GRANTED. Accordingly, SES Americom IS AUTHORIZED, for a period of 60 days commencing on February 22, 2008, to operate the AMC-2 satellite's (Call Sign: S2134) Tracking, Telemetry, and Command (TT&C) functions necessary to drift to and operate at the 101° W.L. orbital location using the following TT&C frequencies: 6423.5 MHz carrier for telecommand transmissions and 3700.5 MHz, 4199.5 MHz, and 12198.0 MHz carriers for telemetry beacons and operate in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) conventional C-band frequencies, and in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) conventional Ku-band frequencies while at the 101° W.L. orbital location. These operations are authorized in accordance with the terms, conditions, and technical specifications set forth in the application, this Attachment, and the Federal Communication Commission's rules.

1. All operations shall be on an unprotected and non-harmful interference basis, *i.e.*, SES Americom shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radiocommunication system.
2. In the event of any harmful interference as a result of SES Americom's operations during the drift to or while at the 101° W.L. orbital location, SES Americom shall cease operations immediately upon notification of such interference and shall inform the FCC, in writing, immediately of such an event.
3. SES Americom shall operate the AMC-2 satellite in compliance with all existing coordination agreements.
4. SES Americom shall maintain the AMC-2 satellite with an east/west longitudinal station-keeping tolerance of 0.05 degrees. If by 6 p.m. Eastern Time on Tuesday, March 11, 2008, Mobile Satellite Ventures Subsidiary LLC (MSV) has not been granted authority to move AMSC-1 out of its current orbital location at 100.95° W.L. and if there is no agreement in place between SES Americom and MSV with respect to operating in overlapping stationkeeping volumes, then SES Americom will operate both AMC-2 and AMC-4 within the stationkeeping volume bounded by 101.0° W.L. and 101.05° W.L. pending grant of authority for the AMSC-1 relocation.
5. This grant of temporary authority is without prejudice to any action on IBFS File No. SAT-MOD-20080124-00030 or SAT-MOD-20080118-00028.

6. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at SES Americom's own risk.
7. 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 immediately. Petitions for reconsideration under Section 1.106 or applications for review under Section 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the date of the public notice announcing this action.



w/conditions

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Call Sign S2134 Grant Date 2/21/08  
(or other identifier)

Term Dates  
From 2/23/08 To: +60 days

Approved: [Signature]

Policy Branch Chief

<b>2. Contact</b>	
<b>Name:</b> Karis A. Hastings	<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>Attention:</b>	<b>Relationship:</b> 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 SATMOD2008012400030 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 101 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.)

See Attachment

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: 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).

**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 Application of )  
SES AMERICOM, INC. ) File No. SAT-STA-\_\_\_\_\_  
For Special Temporary Authority to )  
Relocate AMC-2 to 101° W.L. )

*EXPEDITED ACTION REQUESTED*

**APPLICATION OF SES AMERICOM, INC.**

SES Americom, Inc. (“SES Americom”) hereby respectfully requests special temporary authority for a period of up to sixty days to relocate the AMC-2 satellite to 101° W.L. pending action on its application to reassign AMC-2 permanently to that location. *See* File No. SAT-MOD-20080124-00030 (“AMC-2 Modification”). Specifically, SES Americom seeks authority to perform Tracking, Telemetry, Command, and Monitoring (“TTC&M”) in order to relocate AMC-2 from 85° W.L. to 101° W.L., and to operate both the TTC&M and communications payloads on AMC-2 once it has arrived at 101° W.L. SES Americom proposes to commence relocation of AMC-2 no later than February 23. As described in the AMC-2 Modification, grant of the requested authority will serve the public interest by allowing SES Americom to use AMC-2 to provide critical back-up capacity at 101° W.L. for AMC-4, which has experienced a number of solar array circuit failures.

Complete technical information relating to the proposed relocation was submitted with the AMC-2 Modification and is incorporated by reference herein. At 101° W.L., AMC-2 will be collocated with AMC-4. SES Americom proposes to operate both AMC-2 and AMC-4 within the stationkeeping parameters of the current AMC-4 license at 101.0° W.L. with +/- .05

degree East-West stationkeeping tolerance. SES Americom will coordinate stationkeeping of its two spacecraft to ensure safe operation of both satellites.

As the Commission is aware, 101° W.L. is the nominal orbital location not just for AMC-4, but also for MSV's mobile satellite operations and DIRECTV DBS operations, with MSV operating immediately adjacent to AMC-4 to the east, and DIRECTV operating immediately adjacent to AMC-4 to the west. SES Americom has advised both MSV and DIRECTV of its intention to relocate AMC-2 to 101° W.L. and operate it there with AMC-4. SES Americom has proposed a number of options to accommodate AMC-2's arrival, some of which involve an offset of SES Americom's operations to the west. Depending on the outcome of further discussions with the parties, SES Americom may seek to operate AMC-2 at such an offset. SES Americom will coordinate physical operations with MSV or with DIRECTV as necessary with respect to operation of AMC-2 at an orbital location that involves an overlap with another operator's authorized stationkeeping volume.

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 temporary authority for a period of up to 60 days to relocate AMC-2 to 101° W.L., to operate the TTC&M payload during the



drift to that location, and to operate the TTC&M and communications payloads upon arrival of AMC-2 at 101° W.L.

Respectfully submitted,

SES Americom, Inc.

By: /s/ Nancy J. Eskenazi

Nancy J. Eskenazi  
Vice President and  
Associate General Counsel  
SES Americom, Inc.  
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Of Counsel

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Washington, D.C. 20004-1109  
Tel: (202) 637-5600

Dated: February 14, 2008