

S2134 SAT-STA-20100608-00125 IB2010001766  
SES Americom, Inc.  
AMC-2

Date & Time Filed: Jun 8 2010 3:13:55:276PM  
File Number: SAT-STA-20100608-00125  
Callsign:

File # SAT-STA-20100608-00125

Call Sign S2134 Grant Date 06/15/10

(or other identifier) Term Dates Period of

From 06/16/10 To: 60 days

Approved by OMB  
3060-0678

Approved: Stephen J. Duall

Stephen J. Duall  
Chief, Satellite Policy Branch



\*subject to conditions

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:  
S2134 (AMC-2) STA Request to Relocate to 78.95 WL

I. Applicant

Name:	SES Americom, Inc.	Phone Number:	(202) 478-7137
DBA Name:		Fax Number:	(202) 478-7101
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City:	Washington	State:	DC
Country:	USA	Zipcode:	20036
Attention:	Daniel C. H. Mah		


**Attachment to Grant**  
**IBFS File No. SAT-STA-20100608-00125**  
**Call Sign S2134**  
**June 15, 2010**

The request of SES Americom, Inc. (doing business as “SES WORLD SKIES”) (SES Americom) for special temporary authority in order to drift its C- and Ku-band space station, AMC-2 (Call Sign S2134) to – and to operate temporarily at – the 78.95° W.L. orbital location, IBFS File No. SAT-STA-20100608-00125, is granted. Accordingly, SES Americom is authorized, for a period of 60 days commencing on June 16, 2010, to conduct Telemetry, Tracking, and Telecommand (TT&C) operations with the AMC-2 space station necessary to drift the AMC-2 space station to the 78.95° W.L. orbital location, and to operate it temporarily at the 78.95° W.L. orbital location, using the following frequencies: 3700 MHz and 4199.5 MHz (space-to-Earth); 6423.5 MHz (Earth-to-space); and 12198 MHz (space-to-Earth). Additionally, SES Americom is authorized to operate the AMC-2 space station in the 3700–4200 MHz (space-to-Earth), 11700-12200 MHz (space-to-Earth), 5925–6425 MHz (Earth-to-space), and 14000-14500 MHz (Earth-to-space) frequency bands to provide fixed-satellite service (FSS) from the 78.95° W.L. orbital location once it arrives at that location. This authorization shall be in accordance with the technical specifications set forth in SES’s application, the Commission’s rules, and the following conditions:

1. All operations during the drift 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 station.
2. In the event of any harmful interference caused by AMC-2 during the drift to the 78.95° W.L. orbital location, SES Americom shall cease operations immediately upon notification of such interference, and shall inform the Commission, in writing, immediately of such an event.
3. During the drift to the 78.95° W.L. orbital location, SES Americom may not operate AMC-2’s communications payload.
4. While at the 78.95° W.L. orbital location, SES Americom shall maintain the AMC-2 spacecraft with an east/west longitudinal station-keeping tolerance of +/- 0.05 degrees.
5. 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.
6. Grant of this authorization is without prejudice to any determination that the Commission may make regarding SES Americom’s pending application to modify the authorization of the AMC-2 space station in order to re-locate it to the 78.95° W.L. orbital location (IBFS File No. SAT-MOD–20100324–00056).
7. SES Americom is afforded thirty days from the date of release of this grant and authorization to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.
8. This action is issued 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

**Attachment to Grant**  
**IBFS File No. SAT-STA-20100608-00125**  
**Call Sign S2134**  
**June 15, 2010**

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 indicating that this action was taken.

 <b>GRANTED*</b> International Bureau	<b>File #</b> <u>SAT- STA- 2010 0608- 00125</u>
	<b>Call Sign</b> <u>S2134</u> <b>Grant Date</b> <u>06/15/10</u> <b>(or other identifier)</b>
	<b>Term Dates</b> period of <b>From</b> <u>06/16/10</u> <b>To:</b> <u>60 days</u>
	<b>Approved:</b> <u><i>Stephen J. Duall</i></u> Stephen J. Duall Chief, Satellite Policy Branch
	* subject to conditions

2. Contact	
<b>Name:</b>	Karis A. Hastings, Esq. (202) 637-5767
<b>Company:</b>	Hogan Lovells US LLP (202) 637-5910
<b>Street:</b>	555 Thirteenth Street, NW E-Mail: karis.hastings@hoganlovells.com
<b>City:</b>	Washington State: DC
<b>Country:</b>	USA Zipcode: 20004 -1109
<b>Attention:</b>	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 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 type="radio"/> Change Station Location <input type="radio"/> Extend Expiration Date <input checked="" type="radio"/> Other	
6. Temporary Orbit Location	
7. Requested Extended Expiration Date	

<p>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.)</p> <div style="border: 1px solid black; padding: 5px;"> <p>SES Americom, Inc. seeks special temporary authority to relocate satellite AMC-2, call sign S2134, to 78.95 WL for a period of 60 days starting on or about June 16, 2010.</p> </div>					
<p>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.</p> <p style="text-align: right;"> <input checked="" type="radio"/> Yes      <input type="radio"/> No         </p>					
<p>10. Name of Person Signing Daniel C. H. Mah</p>	<p>11. Title of Person Signing Regulatory Counsel</p>				
<p>12. Please supply any need attachments.</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Attachment 1: Narrative</td> <td style="width: 50%;">Attachment 2:</td> </tr> <tr> <td></td> <td>Attachment 3:</td> </tr> </table>		Attachment 1: Narrative	Attachment 2:		Attachment 3:
Attachment 1: Narrative	Attachment 2:				
	Attachment 3:				
<p style="text-align: center;"> <b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT</b>          (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).       </p>					

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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 78.95° W.L. )

*EXPEDITED ACTION REQUESTED*

**APPLICATION OF SES AMERICOM, INC.**

SES Americom, Inc. (“SES Americom,” doing business as “SES WORLD SKIES”<sup>1</sup>) hereby respectfully requests special temporary authority for a period of up to sixty days to relocate the AMC-2 C/Ku-band hybrid satellite to 78.95° W.L. SES WORLD SKIES has submitted an application to reassign AMC-2 permanently to 78.95° W.L.<sup>2</sup> Pending action on the AMC-2 Modification, SES WORLD SKIES seeks authority to perform Tracking, Telemetry, Command, and Monitoring (“TTC&M”) in order to relocate AMC-2 from 101° W.L. to 78.95° W.L., and to operate both the TTC&M and communications payloads on AMC-2 once it arrives at 78.95° W.L. SES WORLD SKIES proposes to commence relocation of AMC-2 on or about June 16, 2010. Grant of the requested authority will allow SES WORLD SKIES to use

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<sup>1</sup> On September 7, 2009, SES S.A. announced that the newly integrated operations of its two indirect subsidiaries, New Skies Satellites B.V. and SES Americom would be conducted under a single brand name, SES WORLD SKIES. The new brand name does not affect the underlying legal entities that hold Commission authorizations or U.S. market access rights.

<sup>2</sup> File No. SAT-MOD-20100324-00056, Call Sign S2134 (the “AMC-2 Modification”). No petitions or comments were filed concerning the AMC-2 Modification, which was placed on public notice on April 23. See Satellite Policy Branch Information, Satellite Space Station Applications Accepted for Filing, Report No. SAT-00683 (Apr. 23, 2010).

AMC-2 to provide service continuity at the nominal 79° W.L. orbital location, where the satellite will replace AMC-5 and Satcom C-3.

As discussed in the AMC-2 Modification, SES WORLD SKIES currently operates the AMC-2 C/Ku-band hybrid satellite at 101° W.L.,<sup>3</sup> where it is collocated with AMC-4.<sup>4</sup> SES WORLD SKIES recently launched SES-1 to replace AMC-4.<sup>5</sup> SES-1 is currently en route to 101° W.L. and is expected to arrive on or about June 14, 2010. Once SES-1 arrives at 101° W.L., SES WORLD SKIES intends to relocate AMC-4 to the 67° W.L. orbital location and AMC-2 to the nominal 79° W.L. orbital location.

SES WORLD SKIES currently operates two spacecraft at the nominal 79° W.L. orbital location: Satcom C-3 is licensed to operate in the conventional C-band frequencies at 79.05° W.L., and AMC-5 is licensed to operate in the conventional Ku-band frequencies at 78.95° W.L. SES WORLD SKIES intends to replace both satellites with the AMC-2 satellite. Satcom C-3 will be deorbited later this year, and in the interim SES WORLD SKIES has requested authority to relocate the spacecraft to 79.15° W.L.<sup>6</sup> Once traffic has been transferred and Satcom C-3 has been repositioned, SES WORLD SKIES also proposes to relocate AMC-5 to 79.05° W.L., the position that will be vacated by Satcom C-3, and operate it there in inclined orbit. AMC-5 will then serve as an in-orbit spare for the Ku-band capacity of AMC-2.

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<sup>3</sup> AMC-2 operates in the conventional C-band (3700-4200 MHz and 5925-6425 MHz) and conventional Ku-band (11.7-12.2 GHz and 14.0-14.5 GHz) frequencies.

<sup>4</sup> See File Nos. SAT-MOD-20080314-00072, SAT-MOD-20080124-00030, and SAT-AMD-20080311-00070, all grant-stamped May 19, 2008.

<sup>5</sup> See File Nos. SAT-RPL-20100120-00014; SAT-AMD-20100309-00040 (Call Sign S2807), grant-stamped Apr. 20, 2010.

<sup>6</sup> See File No. SAT-STA-20100525-00109 (Call Sign S2447).



Grant of the requested authority will serve the public interest by enabling the timely extension of station-kept service at the 79° W.L. orbital location. Relocation of AMC-2 to 78.95° W.L. as proposed herein will not harm adjacent satellite operators. During the relocation, the communications payload on the AMC-2 satellite will be switched off. Only the TTC&M payload will remain active, and SES WORLD SKIES will coordinate the move of the spacecraft with all potentially affected satellite operators. AMC-2 will be operated consistent with existing and future coordination agreements applicable to its operations at the nominal 79° W.L. orbital location. Complete technical information regarding operation of AMC-2 at 78.95° W.L. is on file as part of the AMC-2 Modification.

SES WORLD SKIES 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 WORLD SKIES 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 WORLD SKIES seeks temporary authority for a period of up to 60 days beginning on June 16, 2010, to relocate AMC-2 to 78.95° W.L., to operate the TTC&M payload only during the drift to that location, and to operate the TTC&M and communications payloads upon arrival of AMC-2 at 78.95° W.L.

Respectfully submitted,

SES AMERICOM, INC.

By: /s/ Daniel C.H. Mah

Of Counsel

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Dated: June 8, 2010