

File # SAT-STB-2010 0615-00137

Call Sign S2447 Grant Date 06/30/10

(or other identifier) Term Dates period of 30 days To: 07/01/10

Approved by OMB 3060-0678

Approved: Stephen J. Duall

Stephen J. Duall  
Chief, Satellite Policy Branch



\*subject to conditions

Date & Time Filed: Jun 15 2010 12:24:06:643PM  
File Number: SAT-STA-20100615-00137  
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:  
S2447 (Satcom C-3) Relocation to 79.15 W.L.


I. Applicant

<b>Name:</b>	SES Americom, Inc.	<b>Phone Number:</b>	(202) 478-7137
<b>DBA Name:</b>		<b>Fax Number:</b>	(202) 478-7101
<b>Street:</b>	2001 L Street, NW Suite 800	<b>E-Mail:</b>	daniel.mah@ses.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20036
<b>Attention:</b>	Daniel C. H. Mah		

**Attachment to Grant**  
**Application of Intelsat North America, LLC**  
**IBFS File No. SAT-STA-20100615-00137**

The request of SES Americom, Inc. (doing business as "SES WORLD SKIES") (SES Americom) for special temporary authority, IBFS File No. SAT-STA-20100615-00137, is granted. Accordingly, SES Americom is authorized, for a period of 30 days commencing on July 1, 2010, to conduct Telemetry, Tracking, and Telecommand (TT&C) operations necessary to drift the C-band SATCOM C-3 space station (Call Sign S2447) to the 79.15° W.L. orbital location, and to maintain SATCOM C-3 at that location, using the following frequencies: 3700.5 MHz (Horizontal/space-to-Earth) and 4199.5 (Vertical/space-to-Earth); and 6423.5 MHz (Horizontal/Earth-to-space). This authorization shall be in accordance with the technical specifications set forth in SES Americom's application, the Commission's rules, and the following conditions:

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 station.
2. In the event of any harmful interference caused by SATCOM C-3, 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 79.15° W.L. orbital location and while at the 79.15° W.L. orbital location, SES Americom may not operate SATCOM C-3's communications payload.
4. While at the 79.15° W.L. orbital location, SES Americom shall maintain the SATCOM C-3 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 STA is without prejudice to any action on IBFS File No. SAT-STA-20100525-00109.
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 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> SAT-STA-20100615-00137
	<b>Call Sign</b> S2447 <b>Grant Date</b> 06/30/10 (or other identifier)
	<b>Term Dates</b> period of From 07/01/10      To: 30 days
	<b>Approved:</b> <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch

\*subject to conditions

<b>2. Contact</b>	
<b>Name:</b>	Karis A. Hastings, Esq. <b>Phone Number:</b> (202) 637-5767
<b>Company:</b>	Hogan Lovells US LLP <b>Fax Number:</b> (202) 637-5910
<b>Street:</b>	555 Thirteenth Street, NW <b>E-Mail:</b> karis.hastings@hoganlovells.com
<b>City:</b>	Washington <b>State:</b> DC
<b>Country:</b>	USA <b>Zipcode:</b> 20004 -1109
<b>Attention:</b>	<b>Relationship:</b>
(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 checked="" type="radio"/> Change Station Location <input type="radio"/> Extend Expiration Date <input type="radio"/> Other	
6. Temporary Orbit Location	
79.15 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. seeks special temporary authority to relocate satellite Satcom C-3, call sign S2447, from 79.05 WL to 79.15 WL for a period of 30 days beginning in early July 2010.

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"; party to the application; for these purposes.

Yes  No

10. Name of Person Signing  
Daniel C. H. Mah

11. Title of Person Signing  
Regulatory Counsel

12. Please supply any need attachments.

Attachment 1: Exhibit

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 Application of	)	
	)	
SES AMERICOM, INC.	)	File No. SAT-STA-_____
	)	Call Sign S2447
For Special Temporary Authority to	)	
Relocate Satcom C-3 to 79.15° 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 ("STA") for a period of 30 days commencing in early July to perform Tracking, Telemetry, Command, and Monitoring ("TTC&M") in order to relocate the Satcom C-3 satellite from 79.05° W.L. to 79.15° W.L. and maintain it at that location.<sup>2</sup> Grant of the requested authority will serve the public interest by simplifying stationkeeping at the nominal 79° W.L. orbital location pending retirement of Satcom C-3.

SES WORLD SKIES currently operates two satellites at the nominal 79° W.L. orbital location: Satcom C-3, a conventional C-band space station, is assigned to 79.05° W.L.,

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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> SES WORLD SKIES has a pending request for a longer-term STA for the relocation of Satcom C-3, File No. SAT-STA-20100525-00109. Authority is sought here pending Commission action on that request.

and AMC-5, a conventional Ku-band space station, is assigned to 78.95° W.L.<sup>3</sup> SES WORLD SKIES recently filed an application seeking authority to relocate its hybrid AMC-2 spacecraft to 78.95° W.L. to replace both AMC-5 and Satcom C-3 at the nominal 79° W.L. orbital location.<sup>4</sup> AMC-2 is currently positioned at 101° W.L., and is expected to arrive at 78.95° W.L. in early July following deployment of SES-1 to 101° W.L.

Once AMC-2 has arrived at 78.95° W.L. and traffic has been transferred, SES WORLD SKIES proposes to relocate the Satcom C-3 satellite to 79.15° W.L. and the AMC-5 satellite to 79.05° W.L. to simplify the stationkeeping of the various satellites. To that end, SES WORLD SKIES has separately requested a modification of the AMC-5 license to reassign that spacecraft to 79.05° W.L. where it will act as an in-orbit spare for the Ku-band capacity of AMC-2.<sup>5</sup> The instant request is for authority to temporarily relocate Satcom C-3 to 79.15° W.L. using the spacecraft's C-band TTC&M frequencies only. SES WORLD SKIES is not seeking authority at this time to operate the Satcom C-3 communications payload at the 79.15° W.L. orbital position.

As the Commission is aware, Satcom C-3 is nearing the end of its fuel life, and SES WORLD SKIES intends to deorbit the satellite later this year pursuant to authority previously granted by the Commission.<sup>6</sup> SES WORLD SKIES plans to commence deorbit maneuvers in mid-October, following the end of the Autumn eclipse season, when such

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<sup>3</sup> The "conventional C-band" refers to the 3700-4200 MHz and 5925-6425 MHz frequencies. The "conventional Ku-band" refers to the 11.7-12.2 GHz and 14.0-14.5 GHz frequencies.

<sup>4</sup> See File No. SAT-MOD-20100324-00056 (Call Sign S2134).

<sup>5</sup> See File No. SAT-MOD-20100525-00110 (Call Sign S2156).

<sup>6</sup> See File No. SAT-MOD-20080318-00073 (Call Sign S2447), grant-stamped June 11, 2008 (the "2008 Satcom C-3 Modification").

maneuvers can be performed with the assistance of the spacecraft's solar arrays. In the interim, SES WORLD SKIES is requesting authority to store Satcom C-3 at 79.15° W.L. for a limited period.

Grant of the instant STA will serve the public interest. The relocation of Satcom C-3 to 79.15° W.L. will eliminate any overlap in the requested stationkeeping volumes of the various SES WORLD SKIES spacecraft at the nominal 79° W.L. orbital location during the few months between arrival of AMC-2 and the scheduled retirement of Satcom C-3. Grant of the requested authority will not adversely affect other authorized operations. Satcom C-3 will not be located at the same orbital location as another satellite or at an orbital location that has an overlapping stationkeeping volume with any other known satellite. In addition, as noted above, SES WORLD SKIES proposes to operate only the TTC&M frequencies on Satcom C-3, and does not propose to activate the C-band communications payload on the spacecraft while it is positioned at 79.15 ° W.L.

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 30 days to perform TTC&M in order to relocate the Satcom C-3 satellite from 79.05° W.L. to 79.15° W.L. and maintain it at that location. SES Americom respectfully requests action on this application by early July to enable timely completion of all contemplated maneuvers.

Respectfully submitted,

SES AMERICOM, INC.

By: /s/ Daniel C.H. Mah

Of Counsel

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Dated: June 15, 2010