

SAT-STA-20101214-00259 IB2010003826
SES Americom, Inc.

Approved by OMB
3060-0678

Date & Time Filed: Dec 14 2010 5:53:03:423PM
File Number: SAT-STA-20101214-00259
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:
S2134 (AMC-2) STA Extension Request to Operate C-Band Payload

1. Applicant

Name: SES Americom, Inc. Phone Number: (202) 478-7137
DBA Name: Fax Number: (202) 478-7101
Street: 1129 20th Street NW E-Mail: daniel.mah@ses.com
Suite 1000
City: Washington State: DC
Country: USA Zipcode: 20036
Attention: Daniel C. H. Mah



File # SAT-STA-20101214-00259

Call Sign S2134 Grant Date 12/16/10
(or other identifier)

Term Dates
From 12/19/10 To: + 60 days

Approved: Stephen Medley
Chief Satellite Ops Br.

With Conditions

Attachment to Grant
IBFS File No. SAT-STA-20101214-00259
Call Sign S2134
December 16, 2010

The request of SES Americom, Inc. (SES) for special temporary authority, IBFS File No. SAT-STA-20101214-00259, to continue to operate the C-band frequencies of the AMC-2 space station (Call Sign S2134) with the opposite polarization sense than that authorized in the current AMC-2 authorization¹ is GRANTED. SES is authorized, for a period of 60-days beginning December 19, 2010, to operate the AMC-2 space station in the 3700-4200 MHz (space-to-Earth) and the 5925-6425 MHz (Earth-to-space) frequency bands with the opposite polarization sense than that previously authorized. This authorization shall be in accordance with the technical specifications set forth in SES's application, Federal Communication Commission (Commission) rules and the following conditions:

1. SES is required to accept interference from other lawfully operating space stations or radio communication systems.
2. In the event of any harmful interference to other lawfully operating space stations or radio communication systems, SES shall inform the Commission, both verbally and in writing, immediately of such an event.
3. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at SES's own risk.
4. Grant of this authorization is without prejudice to any determination that the Commission may make regarding SES's pending application to modify the authorization of the AMC-2 space station (IBFS File No. SAT-MOD-20101215-00261).
5. This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. §2.261, and is effective immediately.



"With Conditions"

File # SAT-STA-20101214-00259

Call Sign S2134 Grant Date 12/16/10
(or other identifier)

Term Dates
From 12/19/10 To + 60 days

Approved: Kathryn Meedley
Chief Satellite Engg Br.

¹ See File No. SAT-MOD-20100324-00056, Call Sign 2134, grant -stamped June 21, 2010.

2. Contact	
Name:	Karis A. Hastings, Esq. Phone Number: (202) 637-5767
Company:	Hogan Lovells US LLP Fax Number: (202) 637-5910
Street:	555 Thirteenth Street, NW E-Mail: karis.hastings@hoganlovells.com
City:	Washington State: DC
Country:	USA Zipcode: 20004 -1109
Attention:	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 SATSTA2010111700238 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 checked="" type="radio"/> Extend Expiration Date <input type="radio"/> Other
7. Requested Extended Expiration Date	
2011-02-17 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. seeks a 60-day extension of the STA, SAT-STA-20101117-00238, to permit continued operation of the AMC-2 C-band payload with the current polarization pending action on an application to modify the spacecraft license to conform to the existing technical characteristics of the payload.

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
Daniel C. H. Mah

11. Title of Person Signing
Regulatory Counsel

12. Please supply any need attachments.

Attachment 1: STA Request

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)	
)	
SES AMERICOM, INC.)	File No. SAT-STA-_____
)	Call Sign S2134
Request for Extension of Special Temporary)	
Authority to Operate AMC-2 C-Band Payload)	

REQUEST OF SES AMERICOM, INC.

SES Americom, Inc. (“SES Americom,” doing business as “SES WORLD SKIES”¹), hereby respectfully requests a sixty-day extension of its special temporary authority to operate the C-band frequencies (including the C-band TT&C frequencies) on the AMC-2 hybrid satellite with polarizations that are the opposite of what is specified in the current AMC-2 license.² Extension is sought to permit operation of the AMC-2 C-band payload pending submission of and action on an application SES WORLD SKIES is preparing to file to seek modification of the AMC-2 license to conform to the current technical characteristics of the payload, without requiring a switch in the C-band polarization sense.³ Grant of the requested STA will serve the public interest by facilitating possible use of the AMC-2 C-band payload to respond to customer demand.

¹ SES WORLD SKIES is the commercial brand name for the integrated operations of two indirect subsidiaries of SES S.A.: SES Americom and New Skies Satellites B.V. (effective January 1, 2009). The brand name does not affect the underlying legal entities that hold Commission authorizations or U.S. market access rights.

² See File No. SAT-STA-20101117-00238, grant-stamped Nov. 19, 2010 (the “AMC-2 STA”) (authorizing C-band operations with the opposite polarization sense from that authorized in File No. SAT-MOD-20100324-00056 for a period of 30 days on a non-interference basis).

³ The modification application being prepared also reflects a minor increase in the peak EIRP of the AMC-2 C-band payload.

The Commission in June authorized SES WORLD SKIES to relocate AMC-2 from the nominal 101° W.L. orbital location to 78.95° W.L.⁴ SES WORLD SKIES had specified in that filing that the polarizations of the C-band transponders and TT&C frequencies at 78.95° W.L. would be reversed from the polarizations used at 101° W.L.⁵ Although the AMC-2 satellite is equipped with polarization switches as required by Section 25.210(a)(3),⁶ SES WORLD SKIES is concerned that switching the polarization to conform to the existing license terms could disrupt the operations of the spacecraft. Accordingly, SES WORLD SKIES is seeking authority to operate with the current C-band polarizations.

A potential customer has expressed interest in the use of AMC-2 capacity for a contract that would begin early next year. SES WORLD SKIES seeks extension of its temporary authority to operate the AMC-2 C-band payload and TT&C frequencies without switching the polarization. Grant of the requested extension will serve the public interest by allowing use of AMC-2 C-band capacity to respond to customer requirements.

Full technical information regarding the operations proposed herein will be submitted with the modification application that is being prepared. The operations will be consistent with the interference analysis SES WORLD SKIES previously filed and will conform

⁴ File No. SAT-MOD-20100324-00056, Call Sign S2134 (the “March AMC-2 Modification”), grant-stamped June 21, 2010.

⁵ See March AMC-2 Modification, Technical Appendix at 2. In the attached Schedule S, SES WORLD SKIES provided specific polarization information that likewise indicated that the C-band polarizations at 78.95° W.L. would be the opposite of those used at 101° W.L. March AMC-2 Modification, Schedule S, Item S9.

⁶ 47 C.F.R. § 25.210(a)(3).

to the terms of existing and future coordination agreements applicable to its operations at the nominal 79° W.L. orbital location.⁷

For the foregoing reasons, SES WORLD SKIES seeks extension of its STA to permit operation of the AMC-2 C-band payload and TT&C frequencies with polarizations that do not conform to the terms of its current license.

Respectfully submitted,

SES AMERICOM, INC.

By: /s/ Daniel C.H. Mah

Of Counsel

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Dated: December 14, 2010

⁷ SES WORLD SKIES notes that the Venesat-1 satellite operates at 78° W.L. under a Uruguayan ITU network filing that is lower in priority than the U.S. ITU filing at the nominal 79° W.L. location.