

S2162 SAT-STA-20120305-00036 IB2012000724
SES Americom, Inc.
AMC-3



File # SAT-STA-20120305-00036
Call Sign S2162 Grant Date 03/15/12
(or other identifier)
Term Dates period of
From 03/13/12 To: 60 days
Approved: Stephen J. Duall

Approved by OMB
3060-0678

Date & Time Filed: Mar 5 2012 5:02:15:536PM
File Number: SAT-STA-20120305-00036
Callsign:

Stephen J. Duall
Chief, Satellite Policy Branch

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY
FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
AMC-3 (S2162) STA Extension for Operations at 67 W.L.

I. Applicant

Name:	SES Americom, Inc.	Phone Number:	202-478-7181
DBA Name:		Fax Number:	202-478-7101
Street:	1129 20th Street NW Suite 1000	E-Mail:	suzanne.malloy@ses.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036 -
Attention:	Ms. Suzanne H. Malloy		

Attachment
IBFS File No. SAT-STA-20120305-00036
Call Sign S2162

The application of SES Americom, Inc. (SES Americom), for special temporary authority, IBFS File No. SAT-STA-20120305-00036, is GRANTED. Accordingly, SES Americom is authorized for a period of 60 days commencing on March 13, 2012, to continue to perform Telemetry, Tracking and Telecommand (TT&C) operations necessary to maintain AMC-3 at the 67° W.L. orbital location using the following C- and Ku-band frequencies: 6423.5 MHz (vertical polarization; Earth-to-space), 3700.5 MHz (vertical polarization; space-to-earth), 4199.5 MHz (horizontal polarization; space-to-earth), and 12198.0 MHz (horizontal polarization; space-to-earth). Additionally, SES Americom is authorized to continue to operate the AMC-3 space station in the conventional Ku-band frequencies of 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) to provide Fixed-Satellite Service (FSS), including direct-to-home service, temporarily from the 67° W.L. orbital location. This authorization shall be in accordance with the technical specifications set forth in SES Americom's application, Federal Communication Commission (Commission) rules, and the conditions of this attachment:

1. All operations shall be on an unprotected and non-harmful interference basis, *i.e.*, the AMC-3 space station shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating station. In the event of any harmful interference, SES Americom shall cease operations immediately upon notification of such interference, and shall inform the Commission, in writing, immediately of such an event.
2. SES Americom shall maintain full operational control of the AMC-3 space station at all times.
3. SES Americom shall maintain the AMC-3 space station within an east/west longitudinal station-keeping tolerance of ± 0.05 degrees of the 67° W.L. orbital location.
4. SES Americom must comply with the applicable laws, regulations, rules and authorization process of any country in which it seeks to provide service.
5. This authorization is issued with the understanding that the United States remains the licensing administration of the AMC-3 space station for purposes of International Telecommunication Union (ITU) Radio Regulation 18.1.
6. Operation of the AMC-3 space station at the 67° W.L. orbital location is pursuant to ITU Radio Regulation 4.4.
7. This authorization is issued with the understanding that with respect to its filings with the ITU for the 67° W.L. orbital location, the Colombian Administration, as Notifying Administration for the Andean Community, is not acting pursuant to Article 9 of the Radio Regulations on behalf of the United States Administration.
8. This authorization is issued with the understanding that this grant does not in any way express a view concerning, or agreement as to, the validity or lack of validity of any ITU filing at or within the vicinity of the 67° W.L. orbital location.

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9. This authorization is issued on the understanding that, to the extent SES Americom and its affiliated companies, pursuant to any arrangement with the Colombian Administration, as Notifying Administration for the Andean Community, will conform its operations to any parameters agreed to in coordination agreements between the Colombian Administration and other Administrations, responsibility for both compliance with, and enforcing compliance with, those arrangements and agreements is a matter that would arise under private law.

10. This authorization is issued with the understanding that this grant is not an approval of any specific arrangement entered into by SES Americom, its subsidiaries and affiliates, nor of any specific provision of any such arrangement concerning operation of the AMC-3 satellite, nor is this grant an approval of an arrangement/agreement concerning any related matter, nor of any specific provision of any such arrangement/agreement concerning any related matter.

11. SES Americom is granted waiver of Section 25.202(g) of the Commission's rules, 47 C.F.R. § 25.202(g). Section 25.202(g) requires "telemetry, tracking and telecommand (TT&C) functions for U.S. domestic satellites shall be conducted at either or both edges of the allocated band(s). Frequencies, polarization and coding shall be selected to minimize interference into other satellite networks and within their own satellite system." SES Americom proposes use of telecommand carriers in the C-band at 6423.5 MHz and telemetry beacons in the C-band at 3700.5 MHz and 4199.5 MHz, which occur at the band edges of an FSS band other than the Ku-band in which it is providing service. This waiver grant is based upon the following findings: (a) AMC-3 was designed to operate with both service links and TT&C functions in the C-band; (b) SES Americom has coordinated C-band TT&C operations with adjacent satellite operators operating in the C-band; (c) AMC-3 is only authorized to operate on an unprotected and non-harmful interference basis; and (d) the limited duration of this grant of special temporary authority. As a condition of granting this waiver, SES Americom must accommodate future space station networks that are compliant with Section 25.202(g). Further, SES Americom must operate AMC-3 pursuant to any existing or future coordination agreements for this location.


12. Pursuant to footnote US342 of the United States Table of Frequency Allocations, 47 C.F.R. § 2.106, services operating in the 14.47-14.5 GHz band shall take all practicable steps to protect the radio astronomy service from harmful interference.

13. Grant of this special temporary authority is without prejudice to any action on IBFS File No. SAT-MOD-20111220-00243.

14. 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.

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15. 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.

 GRANTED* International Bureau *with conditions	File # SAT-STA-20120305-00036
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	Term Dates period of
	From 03/13/12 To: 60 days
Approved: <i>Stephen J. Duall</i> Stephen J. Duall Chief, Satellite Policy Branch	

2. Contact	
Name: Karis A. Hastings	Phone Number: (202) 599-0975
Company: SatCom Law LLC	Fax Number:
Street: 1317 F Street, NW, Suite 400	E-Mail: karis@satcomlaw.com
City: Washington	State: DC
Country: USA	Zipcode: 20004 -
Attention:	Relationship: 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 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	
6. Temporary Orbit Location	7. Requested Extended Expiration Date 2012-05-11 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. ('SES') respectfully requests a sixty-day extension of the special temporary authority granted in File No. SAT-STA-20111220-00244 to allow SES to maintain AMC-3 (Call Sign S2162) at 67 degrees W.L. and operate it there in the conventional Ku-band frequencies, pending action on the underlying modification, File No. SAT-MOD-

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
Suzanne. H. Malloy

11. Title of Person Signing
Regulatory Counsel

12. Please supply any need attachments.

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).

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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.

8. Description

SES Americom, Inc. ('SES') respectfully requests a sixty-day extension of the special temporary authority granted in File No. SAT-STA-20111220-00244 to allow SES to maintain AMC-3 (Call Sign S2162) at 67 degrees W.L. and operate it there in the conventional Ku-band frequencies, pending action on the underlying modification, File No. SAT-MOD-20111220-00243. SES incorporates by reference the documentation provided in support of File Nos. SAT-MOD-20111220-00243 & SAT-STA-20111220-00244.