

S2162 SAT-STA-20111031-00210 IB2011004728
SES Americom, Inc.
AMC-3

Date & Time Filed: Oct 31 2011 7:01:53:953PM
File Number: SAT-STA-20111031-00210
Callsign:

File # SAT-STA-20111031-00210

Call Sign S2162 Grant Date 11/09/11
(or other identifier)

Term Dates period of
From 11/10/11 To: 30 days

Approved:

Stephen J. Duall
Stephen J. Duall
Chief, Satellite Policy Branch

Approved by OMB
3060-0678



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 Request for Move to 86.9 W.L.

1. Applicant

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

Attachment to Grant
IBFS File No. SAT-STA-20111031-00210
Call Sign S2162

The request of SES Americom, Inc. (SES Americom) for special temporary authority, IBFS File No. SAT-STA-20111031-00210, is granted. Accordingly, SES Americom is authorized, for a period of 30 days commencing on November 10, 2011, to conduct Telemetry, Tracking, and Telecommand (TT&C) operations with the AMC-3 space station (Call Sign 2162) to drift AMC-3 from its current orbital position of 87.0° W.L. to the 86.9° W.L. orbital location and to maintain AMC-3 at 86.9° W.L., using the following frequencies: 3700.5 MHz (vertical polarization; space-to-Earth), 4199.5 MHz (horizontal polarization; space-to-Earth), 12198.0 MHz (horizontal polarization; space-to-Earth), and 6423.5 MHz (vertical polarization; Earth-to-space). In addition, SES Americom is authorized to operate AMC-3 as an in-orbit spare at the 86.9° W.L. orbital location in the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 11.70-12.20 GHz (space-to-Earth), and 14.0-14.5 GHz (Earth-to-space) frequency bands. This authorization shall be in accordance with the technical specifications set forth in SES Americom's application, Federal Communication Commission (Commission) rules, and the following conditions:


1. All operations during AMC 3's drift between the 87.0° W.L. and 86.9° W.L. orbital locations and operations at the 86.9° W.L. orbital location as an in-orbit spare 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. During the drift between the 87.0° W.L. and 86.9° W.L orbital locations, SES Americom may not operate AMC-3's communications payload.

3. SES Americom may activate the communications payloads for the AMC-3 space station in the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 11.70-12.20 GHz (space-to-Earth), and 14.0-14.5 GHz (Earth-to-space) frequency bands in the event of a service outage of an operational space station.

4. In the event SES Americom activates the communications payload of the AMC-3 space station, SES Americom must notify the Commission, in writing, of such activation within three business days of the start of the activation.

5. 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.

 GRANTED * International Bureau *with conditions	File # <u>SAT-STA-20111031-00210</u>
	Call Sign <u>S2162</u> Grant Date <u>11/09/11</u>
	(or other identifier)
	Term Dates <u>period of</u> From <u>11/10/11</u> To: <u>30 days</u>
	Approved: <u>Stephen J. Duall</u> 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 checked="" type="radio"/> Change Station Location	<input type="radio"/> Extend Expiration Date <input type="radio"/> Other
6. Temporary Orbit Location 86.9 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. respectfully requests special temporary authority for 30 days beginning on November 10, 2011 to relocate AMC-3 (Call Sign S2162) to 86.9 degrees W.L., where it will serve as an in-orbit spare.

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).

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

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 S2162
For Special Temporary Authority to)	
Relocate AMC-3 to 86.9° W.L.)	

APPLICATION OF SES AMERICOM, INC.

SES Americom, Inc. (doing business as “SES”) hereby respectfully requests special temporary authority (“STA”) for a period of thirty days beginning on November 10, 2011 to perform Telemetry, Tracking and Control (“TT&C”) to relocate the AMC-3 C-/Ku-band satellite from 87° W.L. to 86.9° W.L. +/- 0.05°, where it will serve as an in-orbit spare. Grant of the requested authority will simplify stationkeeping at the nominal 87° W.L. orbital location and permit SES to make efficient use of its space stations.

SES currently operates AMC-3 at 87° W.L. The replacement for AMC-3, SES-2, was successfully launched on September 21, 2011, and is now in position at 87° W.L. following the completion of in-orbit testing.¹ Traffic is being transferred from AMC-3 to SES-2. SES anticipates seeking Commission authority to relocate AMC-3 to another orbital location, but a final decision regarding the next mission for AMC-3 has not yet been made. In the interim, SES proposes to shift AMC-3 to an offset position in order to simplify stationkeeping at the nominal 87° W.L. orbital location.

¹ See Call Sign S2826, File Nos. SAT-RPL-20110429-00082 & SAT-AMD-20110613-00107, grant-stamped Sept. 1, 2011 (SES-2 launch and operating authority) & SAT-STA-20110726-00133, grant-stamped Sept. 1, 2011 (SES-2 in-orbit testing and TT&C authority).

Relocation of AMC-3 to 86.9° W.L. will not adversely affect other operators. The proposed stationkeeping volume does not overlap with that of any other spacecraft. SES will use only the AMC-3 TT&C frequencies during the drift² and will maintain AMC-3 at 86.9° W.L. as an in-orbit spare. The proposed offset will move AMC-3 slightly closer to 85° W.L., where the SES AMC-16 Ku/Ka-band hybrid spacecraft is located. SES will coordinate TT&C operations internally among its spacecraft.

SES 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 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.

² The AMC-3 TT&C frequencies are as follows:

Command: 6423.5 MHz (vertical polarization; uplink)

Telemetry: 3700.5 MHz (vertical polarization; downlink), 4199.5 MHz (horizontal polarization; downlink), and 12198.0 MHz (horizontal polarization; downlink).

For the foregoing reasons, SES respectfully requests STA beginning on November 10, 2011 to relocate the AMC-3 C-/Ku-band fixed-satellite space station to 86.9° W.L. and maintain it there as an in-orbit spare.

Respectfully submitted,

SES AMERICOM, INC.

By: /s/ Daniel C.H. Mah

Of Counsel

Karis A. Hastings
SatCom Law LLC
1317 F Street, N.W., Suite 400
Washington, D.C. 20004
Tel: (202) 599-0975

Daniel C. H. Mah
Regulatory Counsel
SES Americom, Inc.
Four Research Way
Princeton, NJ 08540

Dated: October 31, 2011