



File # SAT-STA-20050727-00149
with attached conditions

Call Sign S2610 Grant Date 10/17/2005
(or other identifier)

Term Dates _____ Approved by OMB
From see conditions To: see conditions 3060-0678

Approved: [Signature] *Chief Satellite Engineering Branch*
Robert G. Nelson

Date & Time Filed: Jul 27 2005 4:29:42:140PM
File Number: SAT-STA-20050727-00149
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:
AMC-23 STA Request (170 W.L.) 7/2005

1. Applicant

Name:	SES Americom, Inc.	Phone Number:	609-987-4000 x4187
DBA Name:		Fax Number:	609-987-4233
Street:	4 Research Way	E-Mail:	nancy.eskenazi@ses-amicom.com
City:	Princeton	State:	NJ
Country:	USA	Zipcode:	08540 -
Attention:	Ms. Nancy J. Eskenazi		

Attachment
SAT-STA-20050727-00149
AMC-23
Call Sign: S2610
October 17, 2005

1. SES Americom Inc.'s ("SES Americom's") application for Special Temporary Authority, File No: SAT-STA-20050727-00149 IS GRANTED. Accordingly, SES Americom is authorized, for the period of 120 days commencing with the date that its C- and Ku-band fixed-satellite service (FSS) AMC-23 satellite is launched, to conduct in-orbit-testing of the AMC-23 satellite at the 170.0° W.L. orbital location and upon completion of the test to drift the AMC-23 to its assigned orbital location of 172.0° E.L., in accordance with the terms, conditions, and technical specifications set forth in its application, this Attachment and the Commission's Rules.
2. SES Americom shall coordinate its test operations with all potentially affected operating satellite networks to ensure that no unacceptable interference results from its test operations at 170.0° W.L.
3. SES Americom's test operations shall not cause harmful interference to any lawfully operating in-orbit satellites or radio communications systems and it shall cease operations immediately upon notification of such interference and SES Americom shall inform the FCC in writing within 3 days of such an event.
4. SES Americom is required to accept interference from other lawfully operating in-orbit satellites or radiocommunication systems.
5. SES Americom's operations at 170.0° W.L. shall be limited solely to in-orbit test operations and shall not include the provision of commercial services.
6. Testing authority is limited to the frequency bands 3700-4200 MHz (space-to-Earth), 10.950-11.200 GHz (space-to-Earth), 11.450-11.700 GHz (space-to-Earth), 12.200-12.750 GHz (space-to-Earth), 14.000-14.500 GHz (Earth-to-space) and 5925-6426 MHz (Earth-to-space).
7. SES Americom shall notify the Commission in writing no later than seven days after it has completed testing of AMC-23 and commenced the move of AMC-23 to its assigned orbital location of 172.0° E.L.
8. SES Americom shall coordinate its Tracking, Telemetry, Command, and Monitoring ("TTC&M") operations with existing geostationary satellites to ensure that no unacceptable interference results from its TTC&M operations during the drift from 170.0° W.L to its assigned orbital location of 172.0° E.L.
9. SES Americom is afforded thirty days from the date of release of this authorization to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.
10. This Authority is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release. 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.

2. Contact

Name:	Karis A. Hastings	Phone Number:	202-637-5767
Company:	Hogan & Hartson L.L.P.	Fax Number:	202-637-5910
Street:	555 Thirteenth Street, NW	E-Mail:	KAHastings@HHLaw.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20004 -1109
Attention:		Relationship:	Legal Counsel

(If your application is related to an application filed with the Commission, enter the file number below.)

3. Reference File Number

4a. Is a fee submitted with this application?

- If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).
 Governmental Entity Noncommercial educational licensee
 Other (please explain):

4b. Fee Classification CRY – Space Station (Geostationary)

5. Type Request

- Change Station Location Extend Expiration Date Other

6. Temporary Orbit Location
170 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.)

See Att. 1

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
Nancy J. Eskenazi

11. Title of Person Signing
Vice President and Associate General Counsel

12. Please supply any need attachments.

Attachment 1: Att. 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).

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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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 by)
SES AMERICOM, INC.) File No. SAT-STA-_____
For Special Temporary Authority to)
Test AMC-23 at 170° W.L.)

APPLICATION OF SES AMERICOM, INC.

By this application, SES Americom, Inc. ("SES Americom") respectfully requests special temporary authority ("STA") to permit it to test its AMC-23 spacecraft at 170° W.L. for a period of up to 120 days following launch. Launch of the spacecraft is currently scheduled for December 2005. As discussed below, temporary operation of AMC-23 at 170° W.L. will permit testing to occur without disruption to existing customers at 172° E.L. and will not adversely affect the operation of any other carrier's spacecraft.

AMC-23 is a C/Ku/Extended Ku-band satellite that is licensed to operate at 172° E.L.¹ AMC-23 will replace SES Americom's Satcom SN-4 spacecraft, which currently operates at 172° E.L. in the C- and Ku-bands.

The testing of AMC-23 at 170° W.L. will not cause harmful interference to other spacecraft. No commercial C- or Ku-band satellites operate within six degrees of the 170° W.L. position.

¹ See File No. SAT-LOA-20031218-00358, granted July 13, 2004.

SES Americom's request to test AMC-23 at the 170° W.L. orbital position is in the public interest. By testing AMC-23 at this location, SES Americom will be able to ensure that AMC-23 is fully operational at the time it arrives at its final orbital location, thereby avoiding any interruption in service that otherwise might be associated with spacecraft testing.

SES Americom seeks authority to test AMC-23 subject to the following conditions:

- (a) SES Americom will coordinate its test operations with all potentially affected operating satellite networks.
- (b) No harmful interference will be caused to any lawfully operating radiocommunication systems, and SES Americom operations will cease immediately upon notification of such harmful interference. Further, SES Americom shall notify the Commission in writing that it has received such a notification within 3 days of receipt.
- (c) SES Americom will accept interference from any lawfully operating satellite network or radiocommunication system.
- (d) Testing authority is limited to the frequencies for which the AMC-23 satellite is authorized.
- (e) The authorization is subject to change in any of its terms or cancellation in its entirety at any time upon reasonable notice, but without hearing, if in the opinion of the Commission, circumstances should require.
- (f) The temporary authority will commence on the date SES Americom launches AMC-23, currently scheduled to occur in December 2005, and terminate 120 days after the launch date.
- (g) The temporary authority is only for testing purposes and shall not be used for the provision of commercial service.
- (h) Any extension of this temporary authority must be requested and approved in writing.

(i) SES Americom will notify the Commission in writing no later than seven days after it has completed testing of AMC-23 and commenced the move of AMC-23 to its assigned orbital location of 172° E.L.

(j) SES Americom shall coordinate its Tracking, Telemetry, Command, and Monitoring ("TTC&M") operations with existing geostationary satellites to ensure that no unacceptable interference results from its TTC&M operations during the drift from 170° W.L. to its assigned orbital location of 172° E.L.

SES Americom 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.

For the foregoing reasons, SES Americom respectfully requests special temporary authority to test AMC-23 at 170° W.L. for a period of up to 120 days, commencing upon the launch of AMC-23. Grant of the requested authority will permit testing of the spacecraft to occur without affecting services to customers and will permit a seamless transition of services. SES Americom is preparing to launch AMC-23 in December 2005, and requests action on this application to accommodate that schedule.

Respectfully submitted,

SES Americom, Inc.

By: /s/ Nancy J. Eskenazi

Nancy J. Eskenazi
Vice President and
Associate General Counsel
SES Americom, Inc.
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Dated: July 27, 2005