



File # SAT - STA - 20080311 - 00063  
with attached conditions

Call Sign S2134 Grant Date 4/4/08

(or other identifier)

Term Dates

Approved by OMB  
3060-0678

From see conditions To: see conditions

Approved: [Signature] Chief Satellite  
Robert G. Nelson Division

Date & Time Filed: Mar 11 2008 6:27:37:896PM  
File Number: SAT-STA-20080311-00063  
Callsign:

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-2 Reassignment to 100.95 W.L. STA REQUEST MAR 2008

1. Applicant

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

**Attachment**  
**File No. SAT-STA-20080311-00063**  
**Call Sign: S2134**  
**April 4, 2008**

SES Americom, Inc.'s request for special temporary authority, File No. SAT-STA-20080311-00063, IS GRANTED, and SES Americom IS AUTHORIZED, for a period starting on April 4, 2008 and ending on June 3, 2008, to operate the AMC-2 satellite (Call Sign S2134) within a station-keeping range of 0.15 degrees of longitude between 100.90° W.L. and 101.05° W.L., in accordance with the terms, conditions, and technical specifications set forth in the application for special temporary authority, this Attachment, and the Federal Communication Commission's rules.

1. Operation of AMC-2 pursuant to this temporary authorization shall be consistent with the terms of frequency coordination agreements concerning operation of the AMC-4 space station and adjacent satellites.

2. This grant of temporary authority is without prejudice to disposition of SES Americom's pending application for modification of the space-station license for AMC-2 (File No. SAT-MOD-20080124-00030, as amended by SAT-AMD-20080311-00070). 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.



File # SAT-STA-20080311-00063  
with attached conditions

Call Sign S2134 Grant Date 4/4/08  
(or other identifier)

Term Dates  
From see conditions To: see conditions

Approved: [Signature] Chief Satellite  
Robert G. Nelson Division

2. Contact	
<b>Name:</b> Karis A. Hastings	<b>Phone Number:</b> (202) 637-5767
<b>Company:</b> Hogan & Hartson L.L.P.	<b>Fax Number:</b> (202) 637-5910
<b>Street:</b> 555 Thirteenth Street, NW	<b>E-Mail:</b> KAHastings@HHLaw.com
<b>City:</b> Washington	<b>State:</b> DC
<b>Country:</b> USA	<b>Zipcode:</b> 20004 -1109
<b>Attention:</b>	<b>Relationship:</b> 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 SATMOD2008012400030 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 100.95 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 Attachment 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: 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).

**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 [jboley@fcc.gov](mailto:jboley@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-\_\_\_\_\_  
For Special Temporary Authority to Operate AMC-2 )  
at 100.95° W.L. with Expanded Stationkeeping )

*EXPEDITED ACTION REQUESTED*

**APPLICATION OF SES AMERICOM, INC.**

SES Americom, Inc. (“SES Americom”) hereby respectfully requests special temporary authority for a period of up to sixty days for operations of the AMC-2 satellite at the nominal 101° W.L. orbital location as described herein pending action on its underlying application for regular authority. Specifically, SES Americom seeks assignment of AMC-2 to 100.95° W.L. and requests authority to operate AMC-2 within both its requested stationkeeping volume at 100.95° W.L. +/-0.05 degrees and within the adjacent stationkeeping volume of AMC-4 at 101.0° W.L. +/-0.05 degrees.<sup>1</sup> Grant of this authority will serve the public interest by giving SES Americom the flexibility to operate AMC-2 and AMC-4 in formation within a total 0.15 degree East/West stationkeeping volume, thereby optimizing fuel efficiency.

In January, SES Americom filed an application to modify the AMC-2 license to reassign the satellite from 85° W.L. to 101° W.L., where it would be collocated with AMC-4 and provide critical back-up capacity for AMC-4, which has experienced a number of solar array circuit failures. See File No. SAT-MOD-20080124-00030 (“AMC-2 Modification”). SES Americom subsequently received special temporary authority to begin drifting AMC-2 to

---

<sup>1</sup> SES Americom is simultaneously seeking authority to operate AMC-4 within its own licensed stationkeeping authority and that of AMC-2.

101° W.L. (*see* File No. SAT-STA-20080214-00046), and the spacecraft is expected to arrive at that location by March 13.

In order to accommodate SES Americom's need to relocate AMC-2 to 101° W.L., Mobile Satellite Ventures ("MSV"), which is authorized to operate MSAT-2 at 100.95° W.L., agreed to seek reassignment to 101.3° W.L. MSV has been granted special temporary authority to move MSAT-2 to 101.3° W.L. (File No. SAT-STA-20080221-00050, granted Feb. 28, 2008), and has an application pending for permanent reassignment of the spacecraft (File No. SAT-MOD-20080303-00055).

Relocation of MSAT-2 creates additional unoccupied stationkeeping volume adjacent to AMC-4's current assignment at 101.0° W.L. +/- .05 degrees. In order to optimize the efficiency of the joint operations of AMC-2 and AMC-4 once AMC-2 arrives at the nominal 101° W.L. orbital location, SES Americom would like the ability to operate both AMC-2 and AMC-4 in formation, with the joint stationkeeping volume bounded by 100.90° W.L. to the East and 101.05° W.L. to the West. SES Americom is today filing an amendment to the AMC-2 Modification (the "AMC-2 Amendment") in order to seek this authority.

Pending application on the AMC-2 Modification as amended, SES Americom seeks special temporary authority to assign AMC-2 to 100.95° W.L. and to operate AMC-2 within both its requested stationkeeping volume and within the adjacent stationkeeping volume of AMC-4. Grant of the requested authority will allow SES Americom to optimize use of AMC-2 to back-up AMC-4 and will not adversely affect any other operator.

As SES Americom has previously explained, relocation of AMC-2 to the nominal 101° W.L. orbital location is required in order to ensure that capacity is available to decrease the load on AMC-4 given its solar array circuit failures. Flying AMC-2 and AMC-4 in formation

within a total stationkeeping volume of 0.15 degrees will result in fuel savings that will extend the time during which AMC-2 can provide back-up for AMC-4.

The proposed stationkeeping volume of AMC-2 does not overlap with that of any spacecraft other than AMC-4. DIRECTV holds Commission licenses for operations at the positions adjacent on either side of the requested stationkeeping volume. Specifically, D-8 is assigned to operate at 100.85° W.L. +/-0.05 degrees, and D-9S is assigned to operate at 101.1° W.L. +/-0.05 degrees. Thus, DIRECTV does not operate in the stationkeeping volume between 100.90° W.L. and 101.05° W.L. within which SES Americom seeks to operate AMC-2. As discussed above, MSV has been authorized to move MSAT-2 to 101.3° W.L.

Furthermore, as demonstrated in the AMC-2 Amendment, the proposed slight offset of AMC-2 from the nominal 101° W.L. orbital location will not result in harmful interference to adjacent operations. The nearest operational FSS C/Ku-band satellites to AMC-2's requested location are Intelsat's Galaxy 16 at 99° W.L. and SES Americom's AMC-1 at 103° W.L. The small proposed shift in AMC-2's orbital location will have a *de minimis* effect on the interference environment in which adjacent satellites operate.

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.

SES Americom 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 Americom seeks temporary authority for a period of up to 60 days to assign AMC-2 to 100.95° W.L. and requests authority to operate AMC-2 within the adjacent stationkeeping volume of AMC-4 as well.

Respectfully submitted,

SES Americom, Inc.

By: /s/ Nancy J. Eskenazi

Nancy J. Eskenazi  
Vice President and  
Associate General Counsel  
SES Americom, Inc.  
Four Research Way  
Princeton, NJ 08540

Of Counsel

Peter A. Rohrbach  
Karis A. Hastings  
Hogan & Hartson L.L.P.  
Washington, D.C. 20004-1109  
Tel: (202) 637-5600

Dated: March 11, 2008