

** Re-issued on 12/13/10 to correct condition 13 expiration date **

S2135 SAT-MOD-20100623-00144 IB2010001981
SES Americom, Inc.
AMC-4

Date & Time Filed: Jun 23 2010 7:21:35:010PM
File Number: SAT-MOD-20100623-00144



File # SAT-MOD-20100623-00144

Call Sign S2135 Grant Date 11/04/10

(or other identifier)

Term Dates See conditions
From 11/04/10 To:

Approved:

Stephen J. Duall

Stephen J. Duall
Chief, Satellite Policy Branch

Approved by OMB
3060-0678

FCC APPLICATION FOR SPACE AND EARTH STATION:MOD OR AMD - MAIN FORM

FCC Use Only

FCC 312 MAIN FORM FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
S2135 (AMC-4) Relocation to 67 W.L.

1-8. Legal Name of Applicant

Name:	SES Americom, Inc.	Phone Number:	202-478-7183
DBA Name:		Fax Number:	202-478-7101
Street:	2001 L Street, NW Suite 800	E-Mail:	joslyn.read@ses.com
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Attention:	Joslyn Read		

**Attachment to Grant
SES Americom, Inc.
IBFS File No. SAT-MOD-20100623-00144
Call Sign S2135
November 4, 2010**

The request of SES Americom, Inc. (SES Americom) to modify its authority in order to operate its Ku-band space station, AMC-4 (Call Sign S2135), at the 67° W.L. orbital location, IBFS File No. SAT-MOD-20100623-00144, is granted.¹ Accordingly, SES Americom is authorized to operate the AMC-4 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) and in the extended Ku-band frequencies of 11.45-11.7 GHz (space-to-Earth) and 13.75-14.0 GHz (Earth-to-space) to provide fixed-satellite service (FSS), including direct-to-home service, from the 67° W.L. orbital location. Additionally, SES Americom is authorized to conduct telemetry, tracking, and telecommand (TT&C) for the AMC-4 space station using the following frequencies: telecommand carriers in the C-band at 6423.5 MHz, and telemetry beacons in the Ku-band at 11.702 GHz and 12.198 GHz and in the C-band at 3700.5 MHz. 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-4 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-4 space station at all times.
3. SES Americom shall maintain the AMC-4 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-4 space station for purposes of International Telecommunication Union (ITU) Radio Regulation 18.1.

¹ On July 12, 2010, the Satellite Division granted, with conditions, authority to SES Americom for a period of 60 days to conduct TT&C operations during the drift to, and while operating at, the 67° W.L. orbital position. IBFS File No. SAT-STA-20100525-00108. On July 28, 2010, the Satellite Division granted, with conditions, authority to SES Americom, for the period commencing on July 28, 2010 and ending on September 9, 2010, to operate the to operate the AMC-4 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) and in the extended Ku-band frequencies of 11.45-11.7 GHz (space-to-Earth) and 13.75-14.0 GHz (Earth-to-space) to provide fixed-satellite service (FSS) from the 67° W.L. orbital location. *Id.* On September 8, 2010, the Satellite Division granted authority to SES Americom to continue operations on the space station for a period of sixty days in accordance with the condition imposed on the July 28, 2010 grant. IBFS File No. SAT-STA-20100824-00182.

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6. Operation of the AMC-4 space station at the 67° W.L. orbital location is pursuant to ITU Radio Regulation 4.4.

7. SES Americom shall provide the Commission with all information that may be necessary for submission to the ITU in connection with the operations of AMC-4 space station at the 67° W.L. orbital location.

8. 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.

9. 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.

10. 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 or 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.

11. 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-4 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.

12. This conditional grant is limited to SES Americom's use of the AMC-4 space station (Call Sign: S2135) at the 67° W.L. orbital location and does not convey to SES Americom first-in-line status under the Commission's first-come, first-served processing framework. If, in the future, SES Americom seeks to operate another space station at this location using the frequencies authorized in this grant, such an application, together with any applications filed by other companies seeking similar authority, would be subject to the first come, first served processing framework for geostationary-satellite orbit space stations.

13. Grant of this application does not change the expiration date of the authorization for the AMC-4 space station, which is December 22, 2014.

14. SES Americom's request for waiver of Section 25.114(d)(3) of the Commission's rules, 47 C.F.R. § 25.114(d)(3), IS GRANTED. Section 25.114(d)(3) requires predicted space station antenna gain contour(s) for each transmit and each receive antenna beam and nominal

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orbital location requested. The main purpose of the contour map is to allow evaluation of the potential for harmful interference with other operators and services in the frequency band. SES Americom's application indicates that gain information for the global horn antenna was not prepared in accordance with the requirements in Section 25.114(d)(3) of the Commission's rules because the space station manufacturer did not provide .gxt data for this antenna. We find that the figure provided in Annex 1 to the Technical Appendix, together with the descriptive characterization provided in Section 3.0 of the Technical Appendix, provide a sufficiently complete description of the global horn antenna on the AMC-4 space station to enable the Commission to determine whether or not the AMC-4 space station meets the Commission's technical requirements.

15. SES Americom's request for waiver of Section 25.202(g) of the Commission's rules, 47 C.F.R. § 25.202(g), IS GRANTED. 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 requests this waiver for the proposed use of telecommand carriers in the C-band at 6423.5 MHz and telemetry beacons in the C-band at 3700.5 MHz because these TT&C operations 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-4 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-4 is only authorized to operate on an unprotected and non-harmful interference basis; (d) the limited nature of this grant as established by conditions 12 and 13. 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-4 pursuant to any existing or future coordination agreements for this location.

16. On our own motion, we waive Section 25.283(c) of the Commission's rules, 47 C.F.R. § 25.283, with respect to oxidizer that will not be vented at the spacecraft's end of life. SES Americom states that the tank containing this oxidizer was sealed shortly after the satellite's launch. AMC-4 was launched on November 13, 1999, before Section 25.283(c) was adopted. Accordingly, venting would require direct retrieval of the spacecraft, which is not currently possible. Waiver is granted conditioned upon SES Americom providing, through a supplemental filing within 30 days of the date of this grant, the volume and mass of remaining oxidizer in the tank.

17. SES Americom has not requested approval of a post-mission disposal plan for the AMC-4 spacecraft and this authorization does not constitute approval of any such plan.

18. SES Americom's use of the 11.45-11.7 GHz band (space-to-Earth) is subject to footnote US211 to the United States Table of Frequency Allocations, 47 C.F.R. § 2.106, US211, which urges applicants for airborne or space station assignments to take all practicable steps to

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protect radio astronomy observations in the adjacent bands from harmful interference, consistent with footnote US74.

19. The operation of the AMC-4 space station in the 11.45-11.7 GHz band (space-to-Earth) is limited to international operations in accordance with footnote NG 104 to the United States Table of Frequency Allocations, 47 C.F.R. § 2.106, NG104, and footnote 2 of Section 25.202(a)(1) of the Commission's rules, 47 C.F.R. § 25.202(a)(1).

20. Pursuant to footnote US337 of the United States Table of Frequency Allocations, 47 C.F.R. § 2.106, any earth station in the United States and its possessions communicating with the AMC-4 space station in the 13.75-14.0 GHz band (Earth-to-space) is required to coordinate through National Telecommunications and Information Administration's (NTIA's) Interdepartment Radio Advisory Committee's (IRAC's) Frequency Assignment Subcommittee (FAS) to minimize interference to the National Aeronautics and Space Administration Tracking and Data Relay Satellite System, including manned space flight.

21. Operations of any earth station in the United States and its possessions communicating with the AMC-4 space station in the 13.75-14.0 GHz band (Earth-to-space) shall comply with footnote US356 to United States Table of Frequency Allocations, 47 C.F.R. § 2.106, US356 which specifies a mandatory minimum antenna diameter of 4.5 meters and a non-mandatory minimum and maximum equivalent isotropically radiated power (e.i.r.p.). Operations of any earth station located outside the United States and its possessions communicating with the AMC-4 space station in the 13.75-14.0 GHz band (Earth-to-space) shall be consistent with footnote 5.502 to the ITU Radio Regulations, which allows a minimum antenna diameter of 1.2 meters for earth stations of a geostationary satellite orbit network and specifies mandatory power limits. In the 13.75-14.0 GHz band (Earth-to-space), receiving space stations in the fixed-satellite service shall not claim protection from radiolocation transmitting stations operating in accordance with the United States Table of Frequency Allocations.

22. Operations of any earth station in the United States and its possessions communicating with the AMC-4 space station in the 13770-13780 GHz band (Earth-to-space) shall comply with footnote US357 to United States Table of Frequency Allocations, 47 C.F.R. § 2.106, US357, which specifies that a required maximum e.i.r.p. density of emissions not exceed 71 dBW in any 6 MHz band for communications with a space station in geostationary-satellite orbit.² Operations of any earth station located outside the United States and its possessions communicating with the AMC-4 space station in the 13.770-13.78 GHz band (Earth-to-space) shall comply with footnote 5.503 to the ITU Radio Regulations, which specifies a required maximum e.i.r.p. density of emissions (limit is dependent on antenna diameter) for communications with a space station in geostationary-satellite orbit.

² Footnote US357 places a restriction on FSS earth station operations in order to protect government operations in the band, including manned space flight. 47 C.F.R. § 2.106, US357.

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23. Operators of earth stations accessing the AMC-4 space station in the 13.75-14.0 GHz band are encouraged to cooperate voluntarily with the National Aeronautics and Space Administration (NASA) in order to facilitate continued operation of NASA's Tropical Rainfall Measuring Mission (TRMM) satellite.³

24. 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.

25. SES Americom is afforded thirty days from the date of this action to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.

26. 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.

*** Re-issued on 12/13/10 to correct condition 13 expiration date ***



**with conditions*

File # SAT-MOD-20100623-00144
Call Sign S2135 **Grant Date** 11/04/10
(or other identifier)
Term Dates see
From 11/04/10 **To:** conditions
Approved: *Stephen J. Duall*

Stephen J. Duall
Chief, Satellite Policy Branch

³ NASA's TRMM satellite system radar in the 13.793-13.805 GHz band remains operational and is a highly valuable and visible United States asset with a broad range of international users. Accordingly, NTIA has requested cooperation from the Commission and non-Federal Government entities in providing assistance in reducing interference with the TRMM radar. Specifically, NTIA requests that FSS earth stations in the 13.793 - 13.805 GHz band located south of 39° N. and east of 110° W. operate with emission levels below -150 dBW/600 kHz at the TRMM space station receiver. Letter from Frederick R. Wentland, Acting Associate Administrator, Office of Spectrum Management, NTIA, to Don Abelson, Chief, International Bureau, FCC (February 28, 2002). Considering the secondary nature of the TRMM operation, NTIA's request is not a condition of this authorization. The Commission, however, urges all operators of earth stations accessing the AMC-4 space station in the 13.75 - 14.0 GHz band to cooperate voluntarily with NASA in order to facilitate continued operation of the TRMM satellite.

9-16. Name of Contact Representative

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:	

CLASSIFICATION OF FILING

17. Choose the button next to the classification that applies to this filing for both questions a. and b. Choose only one for 17a and only one for 17b. ☐ a1. Earth Station ☒ a2. Space Station	(N/A) b1. Application for License of New Station (N/A) b2. Application for Registration of New Domestic Receive-Only Station ☐ b3. Amendment to a Pending Application ☒ b4. Modification of License or Registration b5. Assignment of License or Registration b6. Transfer of Control of License or Registration ☐ b7. Notification of Minor Modification (N/A) b8. Application for License of New Receive-Only Station Using Non-U.S. Licensed Satellite (N/A) b9. Letter of Intent to Use Non-U.S. Licensed Satellite to Provide Service in the United States (N/A) b10. Other (Please specify) (N/A) b11. Application for Earth Station to Access a Non-U.S. satellite Not Currently Authorized to Provide the Proposed Service in the Proposed Frequencies in the United States (N/A) b12. Application for Database Entry ☐ b13. Amendment to a Pending Database Entry Application ☐ b14. Modification of Database Entry
17c. 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): No fee required pursuant to DA 10-1106 & Section 1.1111(d).	
17d. Fee Classification	

18. If this filing is in reference to an existing station, enter: (a) Call sign of station: S2135	19. If this filing is an amendment to a pending application enter both fields, if this filing is a modification please enter only the file number: (a) Date pending application was filed: (b) File number: SATMOD2008031400072
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TYPE OF SERVICE

20. NATURE OF SERVICE: This filing is for an authorization to provide or use the following type(s) of service(s): Select all that apply: ☒ a. Fixed Satellite ☐ b. Mobile Satellite ☐ c. Radiodetermination Satellite ☐ d. Earth Exploration Satellite ☒ e. Direct to Home Fixed Satellite ☐ f. Digital Audio Radio Service ☐ g. Other (please specify)	
21. STATUS: Choose the button next to the applicable status. Choose only one. ☒ Common Carrier ☐ Non-Common Carrier	22. If earth station applicant, check all that apply. ☐ Using U.S. licensed satellites ☐ Using Non-U.S. licensed satellites
23. If applicant is providing INTERNATIONAL COMMON CARRIER service, see instructions regarding Sec. 214 filings. Choose one. Are these facilities: ☐ Connected to a Public Switched Network ☐ Not connected to a Public Switched Network ☒ N/A	

24. FREQUENCY BAND(S): Place an 'X' in the box(es) next to all applicable frequency band(s).

☒ a. C-Band (4/6 GHz) ☒ b. Ku-Band (12/14 GHz)

☐ c. Other (Please specify upper and lower frequencies in MHz.)

Frequency Lower: Frequency Upper: (Please specify additional frequencies in an attachment)

TYPE OF STATION

25. CLASS OF STATION: Choose the button next to the class of station that applies. Choose only one.

☐ a. Fixed Earth Station

☐ b. Temporary-Fixed Earth Station

☐ c. 12/14 GHz VSAT Network

☐ d. Mobile Earth Station

☒ e. Geostationary Space Station

☐ f. Non-Geostationary Space Station

☐ g. Other (please specify)

26. TYPE OF EARTH STATION FACILITY:

☐ Transmit/Receive ☐ Transmit-Only ☒ Receive-Only ☐ N/A

"For Space Station applications, select N/A."

PURPOSE OF MODIFICATION

27. The purpose of this proposed modification is to: (Place an 'X' in the box(es) next to all that apply.)

- ☐ a — authorization to add new emission designator and related service
- ☐ b — authorization to change emission designator and related service
- ☐ c — authorization to increase EIRP and EIRP density
- ☐ d — authorization to replace antenna
- ☐ e — authorization to add antenna
- ☐ f — authorization to relocate fixed station
- ☐ g — authorization to change frequency(ies)
- ☐ h — authorization to add frequency
- ☐ i — authorization to add Points of Communication (satellites & countries)
- ☐ j — authorization to change Points of Communication (satellites & countries)
- ☐ k — authorization for facilities for which environmental assessment and radiation hazard reporting is required
- ☒ l — authorization to change orbit location
- ☐ m — authorization to perform fleet management
- ☐ n — authorization to extend milestones
- ☐ o — Other (Please specify)

ENVIRONMENTAL POLICY

28. Would a Commission grant of any proposal in this application or amendment have a significant environmental impact as defined by 47 CFR 1.1307? If YES, submit the statement as required by Sections 1.1308 and 1.1311 of the Commission's rules, 47 C.F.R. 1.1308 and 1.1311, as an exhibit to this application. A Radiation Hazard Study must accompany all applications for new transmitting facilities, major modifications, or major amendments.	☐ Yes ☒ No
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ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aeronautical en route or aeronautical fixed radio station services are not required to respond to Items 30–34.

29. Is the applicant a foreign government or the representative of any foreign government?	☐ Yes ☒ No
30. Is the applicant an alien or the representative of an alien?	☐ Yes ☒ No ☐ N/A
31. Is the applicant a corporation organized under the laws of any foreign government?	☐ Yes ☒ No ☐ N/A
32. Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	☐ Yes ☒ No ☐ N/A

33. Is the applicant a corporation directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	☒ Yes ☐ No ☐ N/A
34. If any answer to questions 29, 30, 31, 32 and/or 33 is Yes, attach as an exhibit an identification of the aliens or foreign entities, their nationality, their relationship to the applicant, and the percentage of stock they own or vote.	Exhibit A

BASIC QUALIFICATIONS

35. Does the Applicant request any waivers or exemptions from any of the Commission's Rules? If Yes, attach as an exhibit, copies of the requests for waivers or exceptions with supporting documents.	☒ Yes ☐ No
36. Has the applicant or any party to this application or amendment had any FCC station authorization or license revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission? If Yes, attach as an exhibit, an explanation of circumstances.	☐ Yes ☒ No

37. Has the applicant, or any party to this application or amendment, or any party directly or indirectly controlling the applicant ever been convicted of a felony by any state or federal court? If Yes, attach as an exhibit, an explanation of circumstances.	☐ Yes	☒ No
38. Has any court finally adjudged the applicant, or any person directly or indirectly controlling the applicant, guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement or any other means or unfair methods of competition? If Yes, attach as an exhibit, an explanation of circumstances	☐ Yes	☒ No
39. Is the applicant, or any person directly or indirectly controlling the applicant, currently a party in any pending matter referred to in the preceding two items? If yes, attach as an exhibit, an explanation of the circumstances.	☐ Yes	☒ No
40. If the applicant is a corporation and is applying for a space station license, attach as an exhibit the names, address, and citizenship of those stockholders owning a record and/or voting 10 percent or more of the Filer's voting stock and the percentages so held. In the case of fiduciary control, indicate the beneficiary(ies) or class of beneficiaries. Also list the names and addresses of the officers and directors of the Filer.		

Exhibit B

41. 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
42a. Does the applicant intend to use a non-U.S. licensed satellite to provide service in the United States? If Yes, answer 42b and attach an exhibit providing the information specified in 47 C.F.R. 25.137, as appropriate. If No, proceed to question 43.	☐ Yes ☒ No
42b. What administration has licensed or is in the process of licensing the space station? If no license will be issued, what administration has coordinated or is in the process of coordinating the space station?	
43. Description. (Summarize the nature of the application and the services to be provided). (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. hereby seeks a modification of the license for AMC-4, call sign S2135, to relocate the satellite to 67 W.L. and authority to operate both the TTC&M and Ku-band communications payloads on AMC-4 after relocation to 67 W.L. Narrative	

43a. Geographic Service Rule Certification

By selecting A, the undersigned certifies that the applicant is not subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25.

☒ A

By selecting B, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will comply with such requirements.

☐ B

By selecting C, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will not comply with such requirements because it is not feasible as a technical matter to do so, or that, while technically feasible, such services would require so many compromises in satellite design and operation as to make it economically unreasonable. A narrative description and technical analysis demonstrating this claim are attached.

☐ C

CERTIFICATION

The Applicant 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. The applicant certifies that grant of this application would not cause the applicant to be in violation of the spectrum aggregation limit in 47 CFR Part 20. All statements made in exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that all statements made in this application and in all attached exhibits are true, complete and correct to the best of his or her knowledge and belief, and are made in good faith.

44. Applicant is a (an): (Choose the button next to applicable response.)

- ☐ Individual
☐ Unincorporated Association
☐ Partnership
☒ Corporation
☐ Governmental Entity
☐ Other (please specify)

45. Name of Person Signing
Suzanne H. Malloy

46. Title of Person Signing
Executive Dir., International & Regulatory Affairs

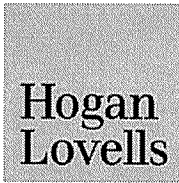
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT
(U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION
(U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

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November 24, 2010

By Electronic Filing

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

**Re: Commencement of Operations Date for AMC-4 (Call Sign S2135)
File Nos. SAT-MOD-20100623-00144 & SAT-LOA-19940310-00007**

Dear Ms. Dortch:

SES Americom, Inc., ("SES Americom," doing business as "SES WORLD SKIES"¹), by its attorneys, hereby supplements the record in the above-referenced proceedings concerning the AMC-4 spacecraft to provide information regarding the date AMC-4 commenced operations.

In its grant of the modification application referenced above, the Commission indicated that the expiration date for the AMC-4 license was November 13, 2014.² This date corresponds to fifteen years following the AMC-4 launch, which occurred on November 13, 1999. However, under the Commission's rules, the fifteen-year period of a satellite license begins to run on the date that the satellite commences service, which is typically several weeks after its launch date.³

SES WORLD SKIES' practice for each of its satellites is to file a letter notifying the Commission of the date operations commenced. We have been unable to locate a copy of such a letter regarding AMC-4 in our files, but our records reflect that AMC-4 commenced operations on December 22, 1999. Accordingly, we respectfully request that the Commission correct paragraph 13 of the AMC-4 Modification to reflect a license expiration date of December 22, 2014 for AMC-4.

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 File No. SAT-MOD-20100623-00144, Call Sign S2135, grant-stamped Nov. 4, 2010 (the "AMC-4 Modification"), Attachment at ¶ 13.

³ See 47 C.F.R. § 25.121(d).

Please address any questions regarding this matter to the undersigned.

Respectfully submitted,

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