

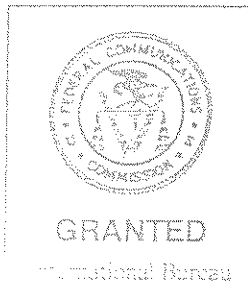
APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
STA for KA294 extended C band uplink with NSS-9

1. Applicant

Name:	SES Americom, Inc.	Phone Number:	202-478-7137
DBA Name:		Fax Number:	202-478-7101
Street:	2001 L Street, NW Suite 800	E-Mail:	Daniel C.H. Mah
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036 -
Attention:	Daniel C.H. Mah		

"Conditions Attached"



File # SES-STA-20090317-00320

Call Sign KA294 Grant Date 3/20/09
(or other identifier)

Term Dates
From 3/23/09 To: 5/21/09

Approved: Janette R. Spriggs

**SES Americom Inc.
IBFS File No. SES-STA-20090317-00320**

The request of SES Americom Inc. (SES Americom) for special temporary authority (STA) IS GRANTED for a period of 60 days, commencing March 23, 2009, subject to the technical specifications set forth in its application, the Commission's rules, and the following conditions:

1. All operations shall be on a non-harmful interference basis, i.e., SES Americom shall not cause interference to, and shall not claim protection from interference caused to it by, any other lawfully operating satellites.
2. In the event of any harmful interference as a result of SES Americom's operations, SES Americom shall cease operations immediately upon notification of such interference and shall inform the Commission, in writing, immediately of such an event.
3. SES Americom shall inform its customers that its operations with the NSS-9 space station using the extended C-band frequencies are on a non-harmful interference basis and that SES Americom must cease operations upon notification of such interference.
4. Grant of this authorization is without prejudice to any determination that the Commission may make regarding SES Americom's pending petition for declaratory ruling to use the NSS-9 space station to provide Fixed Satellite Services (FSS) in the extended C-band frequencies (IBFS File No. SAT-LOI-20081223-00238).
5. SES Americom is afforded thirty days from the date of release of this grant and authorization to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.
6. This action is taken 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.

2. Contact

Name:	David Barton	Phone Number:	609-987-4133
Company:	SES Engineering, Inc.	Fax Number:	609-987-4188
Street:	Four Research Way	E-Mail:	David.Barton@ses-engineering.com
City:	Princeton	State:	NJ
Country:	USA	Zipcode:	08540 -6684
Attention:		Relationship:	

(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?

- 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 CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant Change Station Location Other

6. Requested Use Prior Date

03/23/2009

7. CityBrewster	8. Latitude (dd mm ss.s h) 48 8 51.0 N
9. State WA	10. Longitude (dd mm ss.s h) 119 41 29.0 W
11. Please supply any need attachments. Attachment 1: STA Narrative Attachment 2: Attachment 3:	
12. 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.) <div style="border: 1px solid black; padding: 5px; margin: 5px 0;">See attached narrative.</div>	
13. 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. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing Daniel C.H. Mah	15. Title of Person Signing Regulatory Counsel
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.

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

SES Americom, Inc. (“SES Americom”) hereby requests the expedited grant of a 60-day Special Temporary Authority (“STA”) to operate the KA294 earth station in Brewster, Washington, to transmit only to the Netherlands-licensed NSS-9 satellite at 177° W.L. using the extended C-band uplink frequencies (5850-5925 MHz). SES Americom respectfully requests that such authority be granted by March 23, 2009, in order to ensure continuity of service to a U.S. government user transitioning from NSS-5 to NSS-9. The proposed operations will be on a non-harmful interference, non-protected basis, pending the grant of regular operating authority. SES Americom will file an application for permanent authority as soon as coordination has been completed.

The Commission has granted U.S. market access for NSS-9 in the conventional C- and Ku-bands,¹ and a request for authority to provide service in the extended C-band remains pending before the Commission.² As the Commission is aware, the NSS-9 satellite was launched on February 12, 2009, to replace the existing NSS-5 satellite operating at 177° W.L.

In this application, SES Americom is requesting an STA to allow the KA294 earth station to operate in the extended C-band uplink frequencies, pending the grant of an application seeking regular operating authority for communications with NSS-9 in this band. An existing government user, the U.S. Department of Defense, is currently using capacity on NSS-5 to transmit the Armed Forces Radio and Television Service (“AFRTS”) programming to an earth station in Hong Kong (and then to other destinations), and will continue to do so when NSS-5 is replaced by NSS-9. However, on NSS-9, the Defense Department will be transmitting AFRTS on the extended C-band uplink frequencies rather than the conventional C-band. In order to ensure a smooth transition with sufficient time to resolve any unforeseen issues with its operations on the new satellite, SES Americom respectfully requests that an STA be granted by March 23, 2009. Grant of an STA by that date will minimize disruption to this and other customers and ensure best quality of service for the Department of Defense during the transition.

SES Americom’s proposed operations under this STA will be on a non-harmful interference basis. The risk of harmful interference in this instance is particularly low. While the KA294 earth station has been coordinated to transmit on the 5850-5925 MHz frequencies to certain orbital locations over the Pacific Ocean Region, it has not been specifically coordinated to transmit to a satellite located at 177° W.L. However, SES Americom is authorized to operate another earth station (E960222) just a few hundred feet away that has been coordinated to use the 5850-5925 MHz frequencies to communicate with satellites in the 61°-191° W.L. orbital arc. The nearby E960222 earth station cannot be used in this instance because it is located on the eastern side of a building that blocks its view of 177° W.L.

The proposed STA operations will be consistent with the U.S. Table of Allocations for the 5850-5925 MHz band. The proposed operations will be for an uplink-only service out of the United

¹ See Stamp Grant, File Nos. SAT-PPL-20080811-00152, SAT-APL-20081212-00230 (Feb. 10, 2009).

² See File No. SAT-LOI-20081223-00238 (filed Dec. 23, 2008). This application came off public notice on March 8, 2009, and no comments or oppositions were filed.

States that will downlink in Hong Kong. The service therefore meets the “international inter-continental systems” requirement in footnote US245.³ SES Americom is also aware of electromagnetic compatibility concerns arising from the co-primary Federal Government radiolocation allocation in the 5850-5925 MHz band,⁴ and is prepared to accept the potential for interference caused to its communications links from such radiolocation systems, including high-powered land-based transportable and shipborne radar transmitters operating in this band in accordance with footnote G2.

Grant of this STA will serve the public interest by ensuring continuity of service for the Defense Department’s AFRTS, a service that benefits the U.S. Armed Forces stationed around the world. Furthermore, there is a very low probability of interference into government services that may be operating in this band because an SES Americom earth station located nearby has been coordinated to use the same frequencies for service to 177° W.L.

For all of these reasons, SES Americom respectfully requests the expeditious grant of the STA by March 23, 2009.

³ See 47 C.F.R. § 2.106, footnote US245.

⁴ See 47 C.F.R. § 2.106, footnote US245.