

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
STA for E050078 demonstration

1. Applicant

Name:	SES Americom, Inc.	Phone Number:	202-478-7137
DBA Name:		Fax Number:	202-478-7101
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City:	Washington	State:	DC
Country:	USA	Zipcode:	20036 -
Attention:	Daniel C.H. Mah		



File # SES-STA-20090501-00542
Call Sign E050078 Grant Date 5/8/09
(or other identifier)
From 5/1/09 Term Dates To: 6/9/09
Approved: Jeanette D. Spriggs

2. Contact

Name:	David Barton	Phone Number:	609-987-4133
Company:	SES Engineering, Inc.	Fax Number:	609-987-4188
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City:	Princeton	State:	NJ
Country:	USA	Zipcode:	08540 -
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

7. CityHaleiwa	8. Latitude (dd mm ss.s h) 21 40 16.0 N
9. State HI	10. Longitude (dd mm ss.s h) 158 1 56.0 W
11. Please supply any need attachments. Attachment 1: E050078 STA 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: 10px; margin: 10px 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

Earth Station E050078

SES Americom, Inc. (“SES Americom”) hereby requests special temporary authority (“STA”) for a period of 30 days to permit earth station E050078 to communicate with the AMC-1 spacecraft in the conventional Ku-band using larger bandwidths and EIRP levels than authorized by the current E050078 license¹. During this time period the earth station will be used to support a Defense Intelligence Agency demonstration. SES Americom seeks temporary authority beginning May 11th, the date the demonstration is scheduled to commence.

Earth station E050078 is currently authorized to communicate with the permitted space stations list throughout the entire conventional Ku-band using carrier bandwidths of up to 8 MHz. SES Americom is seeking to add a new emission on a temporary basis. The technical specifications of the new emission are listed in Appendix A.

The requested STA will support a Defense Intelligence Agency demonstration and is therefore in the public interest.

¹ See FCC File No. SES-LIC-20050321-00332

Appendix A
E050078 Technical Information

Tx Emissions

Emission Designator: 19M0G7W

Tx Frequency Range: 14302 MHz - 14338 MHz

Max EIRP: 70.3 dBW

Max EIRP Density: 33.5 dBW/4KHz

Rx Emissions

Emission Designator: 2M50G7W

Rx Frequency Range: 12002 MHz – 12038 MHz

Point of Communication: AMC-1