

E110045
ViaSat, Inc.

SES-STA-20110804-00918

IB2011003855

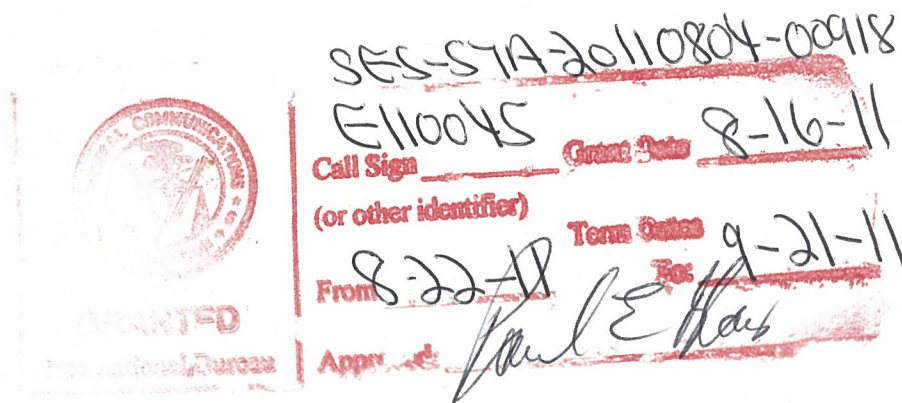
Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Lovelock, NV Gateway ES STA

1. Applicant

Name:	ViaSat, Inc.	Phone Number:	760-476-2583
DBA Name:		Fax Number:	760-929-3934
Street:	6155 El Camino Real	E-Mail:	daryl.hunter@viasat.com
City:	Carlsbad	State:	CA
Country:	USA	Zipcode:	92009
Attention:	Mr Daryl T Hunter		



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Special Temporary Authority (STA) is granted for the purpose of conducting test to verify the performance capability of the proposed gateway earth station as specified in the underlying pending application for license SES-LIC-20110328-00375. STA operations will include only the AMC-15 satellite at 105 degrees W.L. in the 19.7-20.2 GHz and 29.5-30.0 GHz frequency bands and will not exceed the operational level proposed in its license pending application SES-LIC-20110328-00375. In addition, the testing will not include testing for internet-to-home service or TT&C operations.

SES-STA-20110804-00918

Call Sign	E110045	Grant Date	8-16-11
(or other identifier)			
From	8-22-11	Term Dates	9-21-11
Approved	Paul E. Hwa		

GRANTED
International Bureau



2. Contact

Name:	Daryl T. Hunter	Phone Number:	760-476-2583
Company:	ViaSat, Inc.	Fax Number:	760-929-3934
Street:	6155 El Camino Real	E-Mail:	daryl.hunter@viasat.com
City:	Carlsbad	State:	CA
Country:	USA	Zipcode:	92009 -
Attention:	Daryl T. Hunter	Relationship:	Engineer

(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 SESLIC2011032800375 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
08/22/2011

7. City Lovelock

8. Latitude
(dd mm ss.s h) 40 10 20.79 N

9. State NV	10. Longitude (dd mm ss.s h) 118 28 49.11 W
11. Please supply any need attachments. Attachment 1: 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.) Request for STA. See attached narrative.	
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. ☒ Yes ☐ No	
14. Name of Person Signing Daryl T. Hunter	15. Title of Person Signing Director, 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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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.

ViaSat, Inc.
Request for Special Temporary Authority

Attachment A

Description of Request for Special Temporary Authority

ViaSat, Inc. ("ViaSat") hereby requests special temporary authority ("STA") to operate a 7.3 meter transmit/receive antenna operating in the Ka-band in Lovelock, Nevada for purposes of testing and demonstrating the performance capabilities of the ViaSat-1 ground network in advance of the launch of ViaSat-1. ViaSat-1 is scheduled to launch in the fall of this year. This STA request seeks to operation of this earth station with the AMC-15 satellite at 105° W.L. in the 19.7-20.2 GHz and 29.5-30.0 GHz bands. ViaSat requests authority commencing on August 22, 2011 for a period of 30 days.

ViaSat has filed a license application for this antenna, which will be used as a gateway for the ViaSat-1 satellite network. *See* File Nos. SES-LIC-20110328-00375; SES-AMD-20110502-00536 (Call Sign E110045). That application (as amended) remains pending and contains all of the relevant technical parameters for the STA operations, except (as noted above) the STA operations will include only the AMC-15 satellite, which is a U.S.-licensed ALSAT satellite, and will be limited to the upper 500 MHz of the Ka-band.

Grant of this STA would allow ViaSat to test and demonstrate the performance of ViaSat's next-generation satellite broadband technology in advance of the launch of ViaSat-1. Broadband service to consumers upon the launch of ViaSat-1 may be expedited because ViaSat would be able to configure and calibrate the gateway antenna to optimize network performance prior to the launch of the satellite. Therefore, grant of this STA will serve the public interest, convenience and necessity.

ViaSat will make available a 24/7 point of contact in the event that any issues arise in connection with the operations under the requested STA. Personnel will be on duty at all times during the STA period and can be contacted at (720) 493-7300.