

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
60 Day STA Extension for Bristow O3b Beam 3 Demo 1.8m

1. Applicant

Name: SES Government Solutions, Inc. **Phone Number:** 703-610-0906
DBA Name: **Fax Number:** 703-610-1030
Street: 11790 Sunrise Valley Drive **E-Mail:** joe.oloughlin@ses-gs.com
Suite 300
City: Reston **State:** VA
Country: USA **Zipcode:** 20191
Attention: Mr Joseph A O'Loughlin

SES-STA-20150126-00038

Call Sign: _____ Grant Date: 2-3-15
(or other identifier)

From: 2-3-15 To: 1-1-15

Approvals: *Jul 2 Adams*

GRANTED
International Bureau

Applicant: SES Government Solutions, Inc.
File Number: SES-STA-20150126-00038
Call Sign: None
Special Temporary Authority (STA)

SES Government Solutions, Inc. (SES Government Solutions) is granted extension of the STA that was previously granted under IBFS File No. SES-STA-20140612-00517, for 60 days to operate a fixed earth station with two 1.8 meter GD/Prodelin model GDST-1 .8M located at a facility in Bristow, VA (38 deg 47' 0.25" N.L./077 deg 34' 24.5" W.L.) to communicate with 03b's in-orbit NGSO FSS satellite system, licensed by the United Kingdom, in the 18.372-18.588 (space-to-Earth) and the 28.172-28.388 GHz (Earth-to-space) frequency bands under the following conditions:

1. SES Government Solutions shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.
2. Grant of this authorization is without prejudice to any determination that the Commission may make regarding any other pending or future application seeking to communicate with the 03b satellite systems.
3. Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector. Appropriate measures must also be taken to restrict access to other regions in which the antennas' power flux-density levels exceed the specified guidelines.
4. This authorization does not constitute grant of Market Access for 03B's NGSO FSS system.
5. Operations under this authority are on a non-interference basis only.
6. Operations under this authority are on a non-protected basis only.
7. The total power at the antenna flange for all carriers must not exceed 40 Watts.
8. The power flux-density at the Earth's surface produced by emissions from 03b's NGSO FSS system for all methods of modulation shall not exceed the levels established in 47 C.F.R. § 25.308(c), (e) and Article 21 of the ITU Radio Regulations.
9. The operations of the 03b NGSO FSS satellite system must not exceed the EPFD limits in Nos. 22.5C, 22.5D, and 22.5F of the ITU Radio Regulations.
10. 03b satellite transmissions must be conducted in accordance with the coordination agreement between 03b and U.S. government systems signed on January 17, 2013 with the Department of Defense.

11. Transmissions authorized herein must comply with coordination agreements reached between the United Kingdom and other Administrations, including all coordination agreements reached between the, United Kingdom and the United States.

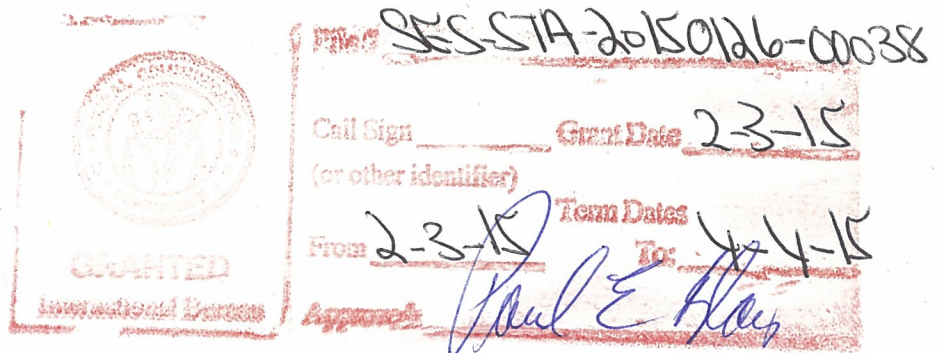
12. This STA is limited to operations associated with testing, satellite monitoring, and customer demonstrations purpose. SES Government Solutions may not provide any commercial service under this STA.

13 . In the event that there is a report of interference, SES Government Solutions must immediately terminate transmissions and notify the FCC in writing.

14. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at SES Government Solutions 's own risk.

15. Operations during the period 1 February 2015 to the date of this grant were authorized pursuant to Section 1.62 of the Commission's rules 47 C.F.R. §1.62.

16. 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.



The image shows a red ink stamp from the Federal Communications Commission (FCC). On the left side of the stamp is the FCC seal, which features an eagle with wings spread, perched on a shield, with the words "FEDERAL COMMUNICATIONS COMMISSION" around it. Below the seal, the word "GRANTED" is printed in a bold, sans-serif font. Underneath "GRANTED" is the text "International Bureau". To the right of the seal and text is a rectangular area containing several fields with handwritten information in blue ink. At the top of this area, the word "File #:" is printed, followed by the handwritten number "SES-STA-20150126-00038". Below this, the words "Call Sign" and "(or other identifier)" are printed, but the handwritten text is blank. To the right of this, the words "Grant Date" are printed, followed by the handwritten date "2-3-15". Below these, the words "Term Dates" are printed, followed by "From" and "To:". The handwritten "From" date is "2-3-15" and the handwritten "To" date is "4-4-15". At the bottom of the stamp area, the word "Approved:" is printed, followed by a handwritten signature that appears to be "Paul E. Hayes".

2. Contact	
Name: Karis Hastings	Phone Number: 202-599-0975
Company: SatCom Law LLC	Fax Number:
Street: 1317 F Street, N.W. Suite 400	E-Mail: karis@satcomlaw.com
City: Washington	State: DC
Country: USA	Zipcode: 20004 -
Attention:	Relationship: 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 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 CGX - Fixed Satellite Transmit/Receive Earth Station	
5. Type Request	
<input type="radio"/> Use Prior to Grant	<input type="radio"/> Change Station Location <input checked="" type="radio"/> Other
6. Requested Use Prior Date	
7. City Bristow	
8. Latitude (dd mm ss.s h) 38 47 0.25 N	

9. State VA	10. Longitude (dd mm ss.s h) 77 34 24.5 W
11. Please supply any need attachments. Attachment 1: 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.) SES Government Solutions (SES-GS) seeks a 60-day extension of its special temporary authority to operate an earth station in Bristow, VA, using beam 3 of the O3b U.K. - licensed non-geostationary Ka-band satellite system. The proposed operations are for testing and demonstration purposes only and will conform to the terms of the prior STAs,	
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"; party to the application; for these purposes. Yes <input checked="" type="radio"/> No <input type="radio"/>	
14. Name of Person Signing Joseph A. O'Loughlin	15. Title of Person Signing CTO
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.

12. Description

SES Government Solutions (SES-GS) seeks a 60-day extension of its special temporary authority to operate an earth station in Bristow, VA, using beam 3 of the O3b U.K.-licensed non-geostationary Ka-band satellite system. The proposed operations are for testing and demonstration purposes only and will conform to the terms of the prior STAs, File Nos. SES-STA-20131022-00887 and SES-STA-20140612-00517 and with the terms set forth in O3b's grant of U.S. market access, File Nos. SAT-LOI-20141029-00118 & SAT-AMD-20150115-00004. SES-GS incorporates by reference herein the narrative and exhibits filed in support of the prior STAs.