

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
O3b STA to continue Bristow (May 2014) - 180 days

1. Applicant

Name:	O3b Limited	Phone Number:	202-352-5985
DBA Name:		Fax Number:	
Street:	900 17th Street, NW, #300	E-Mail:	joslyn.read@o3bnetworks.com
City:	Washington	State:	
Country:	USA	Zipcode:	
Attention:	Ms Joslyn Read		

18 days "with conditions"



File # SES-STA-20140514-00357

Call Sign E130107 Grant Date 06/30/2014
(or other identifier)

Terms Dates From 06/30/2014 To 12/30/2014

Approved: Paul E. Hall

O3b Limited
Call Sign: E130107
File Number: SES-STA-20140514-00357
Special Temporary Authority

O3b Limited (O3b) is granted Special Temporary Authority (STA) for 180 days, to operate a fixed earth station with two 2.4 meter antennas located at a facility in Bristow, VA, to communicate with O3b's in-orbit non-geostationary orbit (NGSO) fixed-satellite service (FSS) space station system in the 17852.0-18068 MHz, 18112.0-18328.0 MHz, 18372-18588.0 MHz, 18801.0-19017.0 MHz, 19055.0-19271.0 MHz (space-to-Earth) and 27652.0-27868.0 MHz, 27912.0-28128.0 MHz, 28172.0- 28388.0 MHz, 28601.0-288817.0 MHz, 28855.0-29071.0 MHz (Earth-to-space) frequency bands. This grant of STA is subject to the following conditions:

- 1) Operations under this STA 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 STA is without prejudice to any determination that the Commission may make regarding other pending and or future O3b applications, e.g., IBFS File SES-LIC-20130618-00516.
- 3) This authorization does not constitute grant of Market Access for O3b's NGSO FSS system.
- 4) 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.
- 5) 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.
- 6) The total power at the antenna flange for all carriers must not exceed 35.9 Watts.
- 7) The power flux-density at the Earth's surface produced by emissions from O3b's NGSO FSS system for all methods of modulation shall not exceed the levels established in 47 C.F.R. §§ 25.208(c),(e) and Article 21 of the ITU Radio Regulations.
- 8) The operations of the O3b NGSO FSS satellite system must not exceed the EPFD limits in Nos. 22.5C, 22.5D, and 22.5F of the ITU Radio Regulations.
- 9) O3b may not receive transmissions from O3b's NGSO FSS system in the 17.8-18.6 and 18.8-19.3 GHz frequency bands (space-to-Earth) until O3b has completed coordination of its NGSO

FSS system with all Federal FSS systems in the 17.8-18.6 and 18.8-19.3 GHz frequency bands under 47 C.F.R. § 2.106, Footnote US334.

10) O3b satellite transmissions must be conducted in accordance with the coordination agreement between O3b and U.S government systems signed on January 17, 2013 with the Department of Defense.

11) This STA is limited to operations associated with testing, satellite monitoring, and customer demonstrations. O3b may not provide any commercial service under this STA.

12) Any action taken or expense incurred as a result of operations pursuant to this STA is solely at O3b's risk.

13) Operations of this station during the period from expiration of SES-STA-20131023-00883 to the grant of this special temporary authority was authorized pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. 1.62.

14) 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.


180 days "with conditions"

File # SES-STA-20140514-00357

Call Sign E130107 **Grant Date** 06/30/2014
(or other identifier)

Term Dates
From 06/30/2014 **To** 12/30/2014

Approved: Paul E. Blaw



The stamp is a red rectangular box containing the FCC seal on the left and the text "GRANTED International Bureau" on the right.

2. Contact			
Name:	Joseph A. Godles	Phone Number:	202-429-4900
Company:	Goldberg Godles Wiener & Wright LLP	Fax Number:	202-429-4912
Street:	1229 19th St., NW	E-Mail:	jgodles@g2w2.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036 -2413
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 SESSA2013061700497 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 checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other			
6. Requested Use Prior Date			
05/26/2014			

7. City Bristow	8. Latitude (dd mm ss.s h) 38 47 0.0 N
9. State VA	10. Longitude (dd mm ss.s h) 77 34 25.8 W
11. Please supply any need attachments. Attachment 1: STA request Attachment 2: Attachment 3: 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;">Applicant herein seeks Special Temporary Authority to continue operation of its Bristow Earth Station to support post-launch operations.</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. <p style="text-align: right;">Yes <input checked="" type="radio"/> No <input type="radio"/></p>	
14. Name of Person Signing Joslyn Read	15. Title of Person Signing Vice-President, 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).	

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

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 Extension of Special Temporary Authority

On September 4, 2013, the International Bureau granted the request filed by O3b Limited ("O3b") for special temporary authority ("STA")¹ to operate its earth station located in Bristow, Virginia (the "Virginia Earth Station") in accordance with the parameters specified in its underlying application for permanent authority.² O3b has submitted requests seeking extension of its STA, most recently through May 25, 2014.³ Pursuant to Section 25.120 of the Commission's rules,⁴ O3b hereby requests a further extension of its STA covering the 180-day period between May 26, 2014, and November 25, 2014.

O3b's extension request is supported by good cause. An extension will enable O3b to continue its monitoring so that it may identify and resolve space station and system anomalies. By granting O3b's initial STA request, the Bureau already has found that facilitating these activities is in the public interest.

Accordingly, and for good cause shown, O3b respectfully requests that its STA extension request be granted.

¹ FCC File No. SES-STA-20130617-00497.

² FCC File No. SES-LIC-20130618-00516, Call Sign E130107.

³ FCC File No. SES-STA-20131023-00883.

⁴ 47 C.F.R. § 25.120.