

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Ceiba PR Extension - 30 days (Nov. 2017)

1. Applicant

Name:	O3b Limited	Phone Number:	2028134033
DBA Name:		Fax Number:	United States
Street:	900 17th Street, NW, #300	E-Mail:	will.lewis@o3bnetworks.com
City:	Washington	State:	
Country:	USA	Zipcode:	-
Attention:	Ms Suzanne Malloy		



File # SES-STA-20171106-01236
Call Sign **Grant Date** 11-8-17
(or other identifier)
Term Dates
From: 11-8-17 **To:** 12-13-17
Approved: [Signature]

stray into the regions around the earth station where there is a potential for exceeding the maximum permissible exposure limits required by 47 C.F.R. § 1.1310.

7. Any action taken or expense incurred as a result of operations pursuant to this special authority is solely at O3b's own risk.

8. This STA may be terminated at the International Bureau's discretion, without a hearing, if conditions warrant. Under no circumstances may the facility(ies) authorized violate the terms of an international agreement or treaty. If an application for permanent authority is on file with the Commission, this action is taken without prejudice to that application. The applicant is required to post and/or retain a copy of this authorization as required by the Commission's Rules.

9. This grant 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.

Granted by

Paul E. Blais, Chief, Systems Analysis Branch



File # SES-STA-20171106-01234

Call Sign _____ Grant Date 11-8-17
(or other identifier)

Term Dates
From: 11-13-17 To: 12-13-17

Approved: Paul E. Blais

Emergency STA Conditions of Grant

Company: O3b

Telephone: 202-813-4033; 24/7 Contact Name: Hung Tran

Name/Title: Will Lewis, Regulatory Council, e-mail: will.lewis@ses.com;

24/7 Contact Phone: 1.571.364.5281; hung.tran@o3bnetworks.com

O3b's request for Special Temporary Authority for an earth station located at Ceiba, Puerto Rico (18°14'24"N, 65°37'48" W) to support restoration of wireless communications in Puerto Rico is GRANTED WITH CONDITIONS. This authority begins November 13, 2017 and ends December 13, 2017.

1. All operations under this STA are on an unprotected and non-harmful interference basis.
2. Operations are limited to the following frequency bands:

Earth-to-Space Frequency (E-S Transmit)	Space-to-Earth Frequency (E-S Receive)
27.652-27.868 GHz	17.852-18.068 GHz
27.912-28.128 GHz	18.112-18.328 GHz

3. Operations shall be in accordance with conditions of operation contained in File No. SES-LIC- 20160712-00640, Call sign E160129.
4. The Point of Communication is limited to the O3b satellite constellation.
5. O3b must coordinate its operations so that no harmful interference is caused to any other lawfully operating satellites or radiocommunication systems. O3b shall contact the following personnel prior to initiation of service for such coordination:
FCC: Roberto Mussenden (202-391-2220 (BB); 703-585-2086 (cell); 8816-41-479183 (Sat phone))
FEMA: Jarrett Devine (Jarrett.Devine@fema.dhs.gov)
O3b shall cease operations immediately upon notification of such interference and inform the Commission in writing immediately of such an event.
6. O3b must take all reasonable and customary measures to ensure that the earth station(s) do(es) not create a potential for harmful non-ionizing radiation to persons who may be in the vicinity of the earth station when it is in operation. At a minimum, permanent warning labels shall be fixed to the earth station and its housing warning of the radiation hazard and including a diagram showing the regions around the earth station where radiation levels could exceed 1.0mW/cm². The earth station operator shall be responsible for assuring that individuals do not

2. Contact	
Name: Will Lewis	Phone Number: 2028134033
Company: O3b Limited	Fax Number:
Street: 900 17th St. NW Suite 300	E-Mail: will.lewis@o3bnetworks.com
City: Washington	State: DC
Country: USA	Zipcode: 20036 -2413
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 SESSTA2017101101135 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 11/09/2017	
7. City Ceiba	
8. Latitude (dd mm ss.s h) 18 14 24.0 N	

9. State PR	10. Longitude (dd mm ss.s h) 65 37 48.0 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.)	<div style="border: 1px solid black; padding: 5px;"> <p>O3b Limited requests an extension of authority, for a period of 30 days, to operate a 2.4 meter terminal at a in Ceiba, PR with the O3b FSS NGSO satellite system licensed by the United Kingdom in the 28.1-28.4 GHz (Earth-to-space) and the 18.3-18.6 GHz (space-to-Earth) frequency bands.</p> </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: center;">Yes <input checked="" type="radio"/> No <input type="radio"/></p>
14. Name of Person Signing Suzanne Malloy	15. Title of Person Signing Vice President, Regulatory Affairs
<p style="text-align: center;">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).</p>	

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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 Extension of Special Temporary Authority

The International Bureau previously granted a request filed by O3b Limited (“O3b”) for special temporary authority (“STA”) to provide emergency connectivity services in Puerto Rico over the O3b satellite system using a 1.2m earth station at a location in Isabela, Puerto Rico.¹

Pursuant to Section 25.120 of the Commission’s rules,² O3b hereby requests an extension of its STA covering the 30-day period between November 13, 2017, and December 13, 2017.³

O3b’s extension request is supported by good cause. An extension will enable O3b to continue providing service in Puerto Rico, where a majority of the terrestrial cellular infrastructure remains out of service.⁴ Grant of this extension request will serve the public interest by allow O3b’s customer to continue to provide internet connectivity throughout its Puerto Rican facility. This will allow a large local employer to restore its normal business operations and provide an economic boost to the region as it recovers from the impact of the recent storms.

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

¹ See FCC File No. SES-STA-20171011-01141, granted Oct. 13, 2017.

² 47 C.F.R. § 25.120.

³ O3b expects that service will end on December 3, 2017.

⁴ See, e.g., “Communications Status Report for Areas Impacted by Hurricane Maria,” (rel. Nov. 2, 2017), available at: http://transition.fcc.gov/Daily_Releases/Daily_Business/2017/db1101/DOC-347553A1.pdf.