

PU: 3-4-15
Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY
"180 days"

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Hawaii 2.4-m antenna application - 180 days (Feb 2015)

1. Applicant

Name: O3b Limited **Phone Number:** 202-813-4026

DBA Name: **Fax Number:**

Street: 900 17th Street, NW, #300 **E-Mail:** suzanne.malloy@o3bnetworks.com

City: Washington **State:**

Country: USA **Zipcode:**

Attention: Ms Suzanne Malloy


180 days With conditions

File # SES-STA-20150213-00079

Call Sign E140107 **Grant Date** 04/06/2015
(or other identifier)

Term Dates
From 04/06/2015 **To:** 10/03/2015

Approved: *[Signature]*



GRANTED
International Bureau

Applicant: O3b Limited
Call Sign: E140107
File no.: SES-STA-20150213-00079
Special Temporary Authority (STA)

O3b Limited (“O3b”) is granted extension for 180 days to continue to operate two 2.4 meter General Dynamics Satcom antennas at its earth station located at Haleiwa, Hawaii (21° 40’ 17.8” NL/158° 01’ 54.9” WL) to communicate with United Kingdom’s authorized non-geosynchronous orbit (NGSO) satellites in the fixed satellite service (FSS) operated by O3b. Operations pursuant to the STA are limited to provide telemetry, tracking and command (TT&C) and are subject to the terms of its application, the Commission’s Rules, and the following conditions.

1. Frequencies are 27.6-28.4 GHz, 28.6-29.1 GHz uplink and 17.6-18.3 GHz, 18.8-19.3 GHz (downlink).
2. Operations are on a secondary basis and O3b must not cause harmful interference to stations operating on a primary basis and must not claim protection from stations operating on a primary basis secondary.
3. Operations in the 17.8-18.3 GHz band does not conform to the U.S. Table of Frequency Allocations, 47 C.F.R §2.106, but is being granted only at this location for the limited purposes of demonstrating the O3b system’s capabilities to potential government customers and that grant of this STA is without prejudice to any determination that the Commission may make regarding authorizations for government or commercial fixed satellite service in the 17.8-18.3 GHz band within the U.S.
4. Grant of this authorization is without prejudice to any determination that the Commission may make regarding any pending or future application to communicate with O3b’s NGSO FSS system.
5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at O3b’s risk.
6. The licensee shall take all necessary measures to ensure that the antenna does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Compliance can be accomplished in most cases by appropriate restrictions such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling or by field measurements. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.

7. Operations during the period March 10 to the date of this grant were authorized pursuant to Section 1.62 of the Commission's rules 47 C.F.R. § 1.62.
8. 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# 505-57A-20150213-00079

Call Sign E140102 Grant Date 04/06/2015
(or other identifier)

Term Dates
From 04/06/2015 To: 10/02/2015

Approved: *Paul E. Baker*

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 SESLIC2014102200809 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

03/10/2015

7. City Haleiwa	8. Latitude (dd mm ss.s h) 21 40 17.8 N
9. State HI	10. Longitude (dd mm ss.s h) 158 1 54.9 W
11. Please supply any need attachments. Attachment 1: STA extension 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 extension of its authority to operate an earth station located at Haleiwa, Hawaii that communicates with the satellite system operated by O3b for the period between March 10, 2015 and September 6, 2015.</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. Yes <input checked="" type="radio"/> No <input type="radio"/>	
14. Name of Person Signing Suzanne Malloy	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).	

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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 the request filed by O3b Limited (“O3b”) for special temporary authority (“STA”)¹ to operate its 2.4m earth station located in Haleiwa, Hawaii (the “Hawaii 2.4m Earth Station”) in accordance with the parameters specified in its underlying license application.²

Pursuant to Section 25.120 of the Commission’s rules,³ O3b hereby requests an extension of its STA covering the 180-day period between March 10, 2015, and September 6, 2015.

O3b’s extension request is supported by good cause. An extension will enable O3b to continue to communicate with O3b’s system and provide support and redundancy for the telemetry, tracking and command (“TT&C”) and data feed functions while its license application is pending. 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-20141022-00810.

² FCC File No. SES-LIC-20141022-00809, Call Sign E140107.

³ 47 C.F.R. § 25.120.