

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:

Clewiston STA Request

1. Applicant

Name:	WorldVu Satellites Limited	Phone Number:	571-399-8893
DBA Name:		Fax Number:	
Street:	1785 Greensboro Station Place, Tower 3	E-Mail:	egraham@oneweb.net
City:	McLean	State:	VA
Country:	USA	Zipcode:	22102 -
Attention:	Mr. Eric Graham		



File # SES-STA-20191002-01251

Call Sign E181293 Grant Date 10/9/2019
(or other identifier)

Term Dates
From: 10/14/2019 To: 12/13/2019

Approved: Paul E. Hlavac

Applicant: WorldVu Satellite Limited
Call Sign: E181293
File No.: SES-STA-20191002-01251
Special Temporary Authority ("STA")



File # SES-STA-20191002-01251

Call Sign E181293 Grant Date _____
(or other identifier)

Term Dates
From: 10/14/2019 To: 12/13/2019

Approved: Paul E. Black

WorldVu Satellite Limited (OneWeb) is granted special temporary authority for 60 days, beginning October 14, 2019, to operate its Clewiston, FL gateway earth station with in-orbit OneWeb satellites (S2963) in the 27.5-29.1 GHz, 29.5-30.0 GHz (Earth-to-space) and the 17.8-18.6 GHz, 18.8-19.3 GHz (space-to-Earth) frequency bands under the following conditions.

1. Operations are limited to the values requested in OneWeb's pending application, IBFS File number SES-LIC-20180727-02075, and are subject to the terms and conditions of OneWeb's U.S. market access, *WorldVu Satellites Limited, Petition for a Declaratory Ruling Granting Access to the U.S. Market for the OneWeb NGSO FSS System*, Order and Declaratory Ruling, 32 FCC Rcd 5366 (2017) (OneWeb U.S. Market Access Grant).
2. All operations shall be on an unprotected and non-harmful interference basis. OneWeb 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 and must inform the Commission, in writing, immediately of such an event.
3. OneWeb is reminded in particular of its obligation to comply with condition 23h of its Market Access Grant: In the 27.5-28.6 GHz and 29.5-30 GHz (Earth-to-space) frequency bands transmission is permitted at levels up to the applicable equivalent power flux-density requirements of Article 22 of the ITU Radio Regulations.
4. OneWeb must be available to respond if harmful interference occurs. Currently the 24x7 contact information is Eric Graham (+1 571-399-8893) egraham@oneweb.net or Mike Lindsay (+44 7970.673.791).
5. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending or future OneWeb applications.
6. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at OneWeb's risk.

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 upon release.

2. Contact			
Name:	Brian D. Weimer	Phone Number:	202-747-1930
Company:	Sheppard Mullin Richter and Hampton LLP	Fax Number:	202-747-1938
Street:	2099 Pennsylvania Ave NW Suite 100	E-Mail:	bweimer@sheppardmullin.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20006 -
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 SESLIC2018072702075 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 10/14/2019	
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7. CityClewiston	8. Latitude (dd mm ss.s h) 26 44 51.8
9. State FL	10. Longitude (dd mm ss.s h) 81 2 57.2
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.) WorldVu Satellites Limited ('OneWeb') seeks special temporary authority for communications between the Clewiston Ka-band gateway earth station and satellites in the OneWeb NGSO FSS system operating pursuant to OneWeb's grant of U.S. market access.	
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 Eric Graham	15. Title of Person Signing Regulatory Affairs, North America
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 SPECIAL TEMPORARY AUTHORIZATION

Pursuant to Section 25.120 of the Federal Communications Commission's ("Commission") rules, WorldVu Satellites Limited ("OneWeb") respectfully requests special temporary authority ("STA") for a period of up to 60 days (commencing on October 14, 2019) to operate its proposed Clewiston, FL Ka-band gateway earth station to communicate with in-orbit OneWeb satellites launched pursuant to OneWeb's grant of U.S. market access.¹

Background

On July 27, 2018, OneWeb filed an application to operate a Ka-band gateway earth station consisting of thirteen antennas at a location in Clewiston, FL ("Clewiston SNP Application").² The Clewiston gateway facility will be a critical part of OneWeb's network infrastructure as it prepares to commence commercial service. Following the successful launch of the first six satellites in OneWeb's non-geostationary orbit, fixed-satellite service ("NGSO FSS") system in February 2019 and the July 2019 opening of OneWeb's state-of-the-art satellite manufacturing facility in Florida, inauguration of OneWeb's gateway earth stations will drive OneWeb's ability to deliver innovative connectivity solutions to U.S. consumers.

As discussed above, the Clewiston SNP Application was filed on July 27, 2018.³ No party filed timely comments or objections to the grant of the Clewiston SNP Application. However, the Clewiston SNP Application remains pending at the Commission after over thirteen months.

Grant of STA Will Serve the Public Interest

Grant of STA to operate the Clewiston gateway will serve the public interest and the U.S. consumer by enabling OneWeb to take critical steps towards delivering its inevitable, innovative connectivity service across the entire United States. As noted above, the Clewiston SNP Application has been pending at the Commission for over thirteen months. OneWeb launched its first six satellites on February 27, 2019, approximately seven months ago.⁴ The grant of STA to

¹ See 47 C.F.R. § 25.120. See also *WorldVu Satellites Limited, Petition for a Declaratory Ruling Granting Access to the U.S. Market for the OneWeb NGSO FSS System*, Order and Declaratory Ruling, 32 FCC Rcd 5366 (2017) ("OneWeb Market Access Grant").

² WorldVu Satellites Limited, Earth Station License Application, IBFS File No. SES-LIC-20180727-02075 (filed Jul. 27, 2018). To the extent necessary, all technical and operational information for the Clewiston gateway facility is incorporated herein.

³ *Id.*

⁴ See, e.g., Jackie Wattles, *OneWeb Launches First Batch of Internet Satellites*, CNN (Feb. 28, 2019, 7:02 PM), <https://www.cnn.com/2019/02/27/tech/oneweb-internet-satellite-launch/index.html>.



enable operation of the Clewiston gateway will serve the public interest by allowing OneWeb to implement network testing that is crucial for OneWeb's eventual deployment of service to U.S. consumers. Moreover, grant of STA to cover these kinds of operations is consistent with recent Commission actions to facilitate the use of gateway facilities for NGSO operators.⁵

Operation of the Clewiston gateway under STA would be on a non-interference basis. As submitted in the original application and in a supplemental filing, OneWeb has completed the required terrestrial coordination for the Clewiston SNP site.⁶ Additionally, OneWeb has completed coordination with the U.S. Department of Defense for the Clewiston SNP site, as required in OneWeb's grant of U.S. market access.⁷ OneWeb has also certified that its operations will comply with applicable power flux-density and equivalent power flux-density limits as set forth by the ITU and the Commission's rules.⁸ Beyond these already-completed coordination agreements and certifications, operation of the Clewiston SNP site on a non-interference basis under STA would ensure that there are no impacts to other spectrum users.

Conclusion

For the foregoing reasons, OneWeb respectfully requests STA for a period of up to 60 days, commencing on October 14, 2019.

⁵ See, e.g., *SpaceX Services, Inc., Request for Special Temporary Authority*, IBFS File No. SES-STA-20190410-00518 (May 9, 2019).

⁶ See Clewiston SNP Application, Exhibit B; see also Letter from Brian D. Weimer, Counsel to WorldVu Satellites Limited, to Jose P. Albuquerque, Chief, Satellite Division, International Bureau, FCC, IBFS File Nos. SES-LIC-20180604-01082, *et al.* (Aug. 7, 2019).

⁷ See OneWeb Market Access Grant at ¶ 24(c).

⁸ See Letter from Brian D. Weimer, Counsel to WorldVu Satellites Limited, to Marlene H. Dortch, Secretary, FCC, IBFS File No. SAT-LOA-20160428-00041 (Mar. 14, 2019).