

June 28, 2018

File Number: 48HH-268121

VIA IBFS

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street SW
Washington DC 20554

Re: **WorldVu Satellites Limited, Application for Earth Station in Talkeetna, AK
IBFS File No. SES-LIC-20180604-01082; Call Sign E180620**

Dear Ms. Dortch:

Pursuant to discussions with the Commission's Satellite Division, WorldVu Satellites Limited ("OneWeb") hereby submits certain additional information regarding its pending application for an earth station facility in Talkeetna, Alaska (the "Talkeetna Application").¹ In particular, OneWeb clarifies for Commission staff that:

- The point of communication for the Talkeetna earth station will be the OneWeb fixed-satellite system granted U.S. market access by the Commission in June 2017 (the "OneWeb FSS System").² Currently, the OneWeb FSS System is not available for selection as a satellite point of communication from the drop-down menu in IBFS.
- The antenna transmit gain for the 29.5-30.0 GHz band will be 58.2 dBi at 29.75 GHz and the antenna receive gain for the 17.8-18.6 GHz band will be 54.4 dBi at 18.2 GHz.
- The emission designators provided in the Comsearch Reports in Exhibit B of the Talkeetna Application reflect the carrier noise bandwidth of 3 dB, while the emission designators provided in the Schedule B of the Talkeetna Application and the petition associated with the OneWeb Market Access Grant reflect the necessary bandwidth (typically 15 dB). This difference in bandwidth is less than ten percent and provides a

¹ See IBFS File No. SES-LIC-20180604-01082, Call Sign E180620.

² *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").

Ms. Marlene H. Dortch
June 28, 2018
Page 2

more accurate portrayal of the interference potential of OneWeb's proposed earth station emissions.³

If you have any questions regarding this submission, please do not hesitate to contact the undersigned.

Very truly yours,

/s/ Brian D. Weimer

Brian D. Weimer
for SHEPPARD, MULLIN, RICHTER & HAMPTON LLP

cc: Trang Nguyen, International Bureau

³ See *a/so* Talkeetna Application, Exhibit A, Narrative Statement at 3, n. 9.