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Via Electronic Filing

Experimental Licensing Branch
Office of Engineering and Technology
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

**Re: Spire Global, Inc.
ELS File No. 0075-EX-PL-2016**

To Whom It May Concern:

Spire Global, Inc. ("Spire") hereby requests authority from the Office of Engineering and Technology ("OET") to operate additional earth stations¹ in connection with certain of the company's Lemur-2 satellites, which have been authorized already or for which authorization is pending.² If you have any questions regarding this application, please contact the undersigned.

Very truly yours,

/s/

Trey Hanbury
Partner
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¹ The earth stations are located in the following locations: Salt Lake City, Utah; Tukwila, Washington; Piti, Guam; and Saint Croix, U.S. Virgin Islands.

² See Application, Call Sign WH2XQT, ELS File No. 0041-EX-PL-2015 (granted June 9, 2015) (granting authority for satellites deployed from the PSLV vehicle launched on September 28, 2015); see also Application, Call Sign WH2XQT, ELS File No. 0171-EX-ML-2015 (filed August 24, 2015) (seeking authority for satellites to be deployed from the Soyuz Meteor vehicle expected to be launched between May and July 2016); Application, ELS File No. 0705-EX-PL-2015 (filed November 24, 2015 and amended January 19, 2016) (seeking authority to deploy satellites from the International Space Station ("ISS")). With respect to the satellites to be deployed from the ISS, Spire seeks additional authority only for the Tukwila, Washington earth station; the other three earth stations were identified in the November 24, 2015 application. Spire also has a separate application pending, which seeks authority for its entire ground system (including the four earth stations listed in this application) to communicate with the other Lemur-2 satellites. See Application, ELS File No. 0780-EX-PL-2015 (seeking authority for satellites to be deployed from the Atlas V vehicle to be launched on March 10, 2016).