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June 17, 2015

***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.  
ELF File No. 0129-EX-ML-2015  
Modification of License WH2XQT**

To Whom It May Concern:

Spire Global, Inc. ("Applicant") hereby requests a modification of the above-referenced experimental license granted on June 9, 2012. The license provides authority for the Applicant's initial launch of four satellites, which are part of the Applicant's Lemur-2 system, and states that authority for Applicant's subsequent launches should be sought in separate applications. Applicant hereby seeks authority for the second launch of four satellites, which are a part of the Lemur-2 system. Because the launch is scheduled for November 19, 2015 and Applicant is required to demonstrate to the launch provider that it has obtained launch authority from the FCC 120 days in advance of the scheduled launch date, Applicant seeks expedited processing of this application.

The Applicant's four additional satellites will be launched, as secondary payloads, from Cape Canaveral Air Force Station, Florida, using a United Launch Alliance Atlas V launch vehicle. The satellites will be deployed at an altitude of 500 km and with an inclination of 51.8 degrees. All other technical parameters specified in the license are the same. Attached as an exhibit to this modification application is a revised Orbital Debris Assessment Report ("ODAR") that includes and analysis of these four satellites, and shows that the satellites are fully compliant with NASA orbital debris guidelines.

If there are any questions regarding this license modification application, please contact the undersigned.

Very truly yours,

          /s/          

Trey Hanbury

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cc: Doug Young