



March 7, 2017

VIA IBFS

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

Re: Notice of Deployment
IBFS File No. SAT-LOA-20151123-00078 (Call Sign S2946)

Dear Ms. Dortch:

By this letter, Spire Global, Inc. ("Spire") provides notification to the Commission that on March 6, 2017 four LEMUR-2 satellites were deployed into the 400 km orbital altitude (51.6 degrees inclination) from the International Space Station ("ISS") NanoRacks CubeSat Deployer.¹ The four LEMUR-2 satellites were launched aboard the HTV-6 cargo spacecraft on a Japan Aerospace Exploration Agency H-IIB vehicle from the Tanegashima Space Center in Japan on December 9, 2016.² Spire has now deployed twenty-eight³ of its twenty-eight authorized LEMUR-2 satellites, and those satellites are operating consistent with Spire's license authorization.⁴

Spire thanks the Commission for working tirelessly to help get the mission approved.

¹ See Mark Garcia, *CubeSats Deployed During Crew Ultrasound Scans*, NASA Blogs (Mar. 6, 2017), <https://blogs.nasa.gov/spacestation/2017/03/06/cubesats-deployed-during-crew-ultrasound-scans/>.

² See Press Release, Japan Aerospace Exploration Agency, Launch success of the H-IIB Launch Vehicle No. 6 (H-IIB F6) with the H-II Transfer Vehicle "KOUNOTORI6" on board (Dec. 10, 2016), http://global.jaxa.jp/press/2016/12/20161210_h2bf6.html; see also Press Release, NanoRacks, Japan's H-II Transfer Vehicle Successfully Berthed to Space Station for Resupply Mission with Historic Payloads from NanoRacks Customers (Dec. 13, 2016), <http://nanoracks.com/wp-content/uploads/NanoRacks-Release-58-H-II-Transfer-Vehicle-Successfully-Berthed-1.pdf>.

³ Four satellites were launched on September 28, 2015 on a PSLV launch. Eight of nine satellites were launched on March 22, 2016 as part of the OA-6 Cygnus cargo supply mission to the ISS. Four satellites were launched on October 17, 2016 as part of an above-station deployment from the OA-5 Cygnus cargo supply mission to the ISS. Four satellites were launched on December 9, 2016 as part of the HTV-6 cargo supply mission to the ISS. Finally, eight satellites were launched on February 15, 2017 on a PSLV launch.

⁴ See Stamp Grant, Spire Global, Inc., File No. SAT-LOA-20151123-00078 (granted in part and deferred in part Mar. 18, 2016, as corrected Mar. 24, 2016); Stamp Grant, Spire Global, Inc., File No. SAT-LOA-20151123-00078 (granted in part and deferred in part June 16, 2016); Stamp Grant, Spire Global, Inc., File No. SAT-LOA-20151123-00078 (granted in part and deferred in part Oct. 14, 2016).



Please direct any questions regarding this filing to the undersigned.

Respectfully submitted,

/s/ Jonathan Rosenblatt

Jonathan Rosenblatt
General Counsel
jonathan.rosenblatt@spire.com
(516) 209-1575