

**Request for Special Temporary Authority**

Spire Global, Inc. (“Spire”) hereby requests special temporary authority (“STA”) for 60 days,<sup>1</sup> beginning April 8, 2016, to commence operations of the earth stations identified in Attachment 1 to this exhibit, consistent with the technical parameters specified in the associated, pending applications for regular authority.<sup>2</sup> The applications for regular or permanent authority to operate the earth stations cannot be processed and granted prior to the deployment of the nine LEMUR satellites that are aboard the Atlas V (Cygnus) vehicle that was launched on March 22, 2016.<sup>3</sup> Accordingly, an STA is necessary for Spire to communicate with those satellites, including for in-orbit testing and transmission of telemetry, tracking, and command signals. The Commission has previously found that the grant of earth station STAs to communicate with satellites, pending the processing of permanent applications, serves the public interest, convenience, and necessity by allowing for the deployment of new and additional satellite services in a timely manner.<sup>4</sup> For these same reasons, the FCC should grant this STA allowing Spire to bring into service the nine LEMUR satellites in a timely manner.<sup>5</sup>

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<sup>1</sup> See 47 C.F.R. § 25.120(b)(3).

<sup>2</sup> See Attachment 1 (identifying the applicable IBFS file number for each earth station application for regular authority). Spire is contemporaneously submitting separate STA applications for each earth station. To the extent necessary, Spire incorporates by reference the waivers requested in the associated earth station applications for regular authority.

<sup>3</sup> See Stamp Grant, Spire Global, Inc., SAT-LOA-20151123-00078 (granted Mar. 18, 2016).

<sup>4</sup> See, e.g., Stamp Grant, DG Consents Sub, Inc., SES-STA-20140717-00605 (granted Aug. 12, 2014); Stamp Grant, EchoStar Broadcasting Corporation, SES-STA-20130108-00019 (granted Jan. 10, 2013); Stamp Grant, Inmarsat Hawaii Inc., SES-STA-20080311-00275 (granted Apr. 4, 2008).

<sup>5</sup> Spire understands that its authorized operations will be on an unprotected, non-harmful interference basis.

**Attachment 1**  
**Earth Station Information**

Site Address	Latitude	Longitude	IBFS File No.
2347 Azurite Court Anchorage, AK	61° 8' 46.74" N	149° 50' 16.31" W	SES-LIC-20160317-00248
4680 Conference Way S #150 Boca Raton, FL	26° 23' 21.30" N	80° 6' 32.46" W	SES-LIC-20160317-00249
3060 Flying View Ellicott, CO	38° 52' 25.58" N	104° 24' 26.10" W	SES-LIC-20160317-00246
155 Locust Street Hartford, CT	41° 44' 42.27" N	72° 39' 54.66" W	SES-LIC-20160317-00247
N/A Juneau, AK	58° 21' 50.65" N	134° 36' 21.52" W	SES-LIC-20160317-00250
93-1704 South Point Road Naalehu, HI	19° 0' 50.90" N	155° 39' 46.78" W	SES-LIC-20160317-00251
312 Route 2A Shell Fuel Farm Road Piti, Guam	13° 24' 56.30" N	144° 41' 15.10" E	SES-LIC-20160317-00252
904 Quality Way Richardson, TX	32° 57' 58.38" N	96° 42' 41.58" W	SES-LIC-20160317-00255
23 Estate Northside Saint Croix, Virgin Islands	17° 45' 43.12" N	64° 53' 6.01" W	SES-LIC-20160317-00258
466 8th Street San Francisco, CA	37° 46' 22.15" N	122° 24' 27.80" W	SES-LIC-20160317-00257
33 Norfolk Street San Francisco, CA	37° 46' 16.20" N	122° 24' 50.42" W	SES-LIC-20160317-00254
3433 S 120th Place Tukwila, WA	47° 29' 39.15" N	122° 17' 18.55" W	SES-LIC-20160317-00253
7202 S. Campus View Drive West Jordan, UT	40° 37' 12.47" N	111° 59' 9.98" W	SES-LIC-20160317-00256