

Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
WBUGS - 60-day STA

1. Applicant

Name:	Spire Global, Inc.	Phone Number:	202-747-2619
DBA Name:		Fax Number:	
Street:	575 Florida Street Suite 150	E-Mail:	
City:	San Francisco	State:	CA
Country:	USA	Zipcode:	94110
Attention:			



GRANTED

International Bureau

File # SES-STA-20190614-00776
Call Sign N160033 Grant Date 7-9-19
(or other identifier)

Term Dates
From: 7-9-19 To: 9-7-19

Approved: Paul E. Hays

2. Contact	
Name: George John	Phone Number: 202-747-2619
Company: Spire Global, Inc.	Fax Number:
Street: 575 Florida Street Suite 150	E-Mail: george.john@spire.com
City: San Francisco	State: CA
Country: USA	Zipcode: 94110 -
Attention:	Relationship:
(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)	
3. Reference File Number SESMOD2018121703532 or Submission ID	
4a. Is a fee submitted with this application?	
☒ If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114). ☐ Governmental Entity ☐ Noncommercial educational licensee ☐ Other (please explain):	
4b. Fee Classification CGX - Fixed Satellite Transmit/Receive Earth Station	
5. Type Request	
☒ Use Prior to Grant ☐ Change Station Location ☐ Other	
6. Requested Use Prior Date 06/19/2019	
7. City Boulder	
8. Latitude (dd mm ss.s h) 40 1 6.7 N	

9. State	CO	10. Longitude (dd mm ss.s h)	105 15 4.1 W
11. Please supply any need attachments. Attachment 1: WBUGS – STA Narrativ		Attachment 2:	Attachment 3:
12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)			
Spire requests special temporary authority for sixty days, beginning on June 19, 2019, to commence its 402-403 MHz (Earth-to-space and space-to-Earth) operations at its WBUGS earth station in Boulder, Colorado.			
13. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of “party to the application”; for these purposes. Yes ☒ No ☐			
14. Name of Person Signing George John		15. Title of Person Signing Lead Legal & Regulatory Counsel	
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).			

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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

Applicant: Spire Global, Inc.
Call Sign: E160033
File No.: SES-STA-20190614-00776
Special Temporary Authority



File # SES-STA-20190614-00776
Call Sign E160033 Grant Date 7-9-19
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Term Dates
From: 7-9-19 To: 9-7-19
Approved: Paul E. Haer

Spire Global, Inc- is granted special temporary authority for 60 days, beginning July 09, 2019, to operate its Boulder, Colorado, earth station with nine Lemur 2 Phase 1 NGSO (S2946) satellite to provide communications at the following frequency bands: 402-403 MHz (Earth-to-space) and 402-403 MHz, and 2020-2025 MHz (space-to-Earth) for telemetry, tracking and control (TT&C); and as a backup data downlink channel. Operations are authorized under the following conditions:

1. Operations will be limited to the coordinated power and emissions limits.
2. All operations under this grant of STA shall be on an unprotected and non-harmful interference basis. Spire Global, Inc shall not cause harmful interference to and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
3. In the event of any harmful interference Spire Global, Inc- shall cease operations immediately upon notification of such interference, and shall immediately inform the Commission, in writing, of such an event.
4. All operators of satellites will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs, Currently the 24x7 contact information for Spire Global, Inc - is Ph.: (415) 356-3400 X357. Requests to speak with Robert Sproles.
5. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending or future Spire Global, Inc applications.
6. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Spire Global, Inc's risk.

This grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.

Request for Special Temporary Authority

Spire Global, Inc. (“Spire”) hereby requests special temporary authority (“STA”) for sixty (60) days, beginning on June 19, 2019, to commence its 402-403 MHz (Earth-to-space and space-to-Earth) operations at its new WBUGS earth station in Boulder, Colorado.

Spire filed an application (SES-MOD-20181217-03532) for permanent authority on December 17, 2018; however, the application has not been granted yet. As Spire (i) has U.S. Federal contract deadlines quickly approaching and (ii) needs this WBUGS station to meet the related contract requirements, Spire now requests this interim 60-day STA. All technical information for WBUGS can be found in SES-MOD-20181217-03532.

The International Bureau (“Bureau”) has previously found that the grant of STAs permitting earth stations 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.¹ Approving the instant STA request will allow Spire to complete operations necessary to meet multiple U.S. Federal contract deadlines.

Accordingly, Spire requests that the Bureau expeditiously grant this STA.

¹ See, e.g., Stamp Grant, Spire Global, Inc., IBFS File No. SES-STA-201660324-00292 to 00294 (granted Apr. 19, 2016); Stamp Grant, DG Consents Sub, Inc., IBFS File No. SES-STA-20140717-00605 (granted Aug. 12, 2014); Stamp Grant, EchoStar Broadcasting Corporation, IBFS File No. SES-STA-20130108-00019 (granted Jan. 10, 2013).