



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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DA No. 20-1028

Report No. SAT-01496

Friday September 4, 2020

## Satellite Policy Branch Information

### Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective date of these actions is the release date of this Notice, except where an effective date is specified.

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**SAT-MOD-20200603-00065** E S2946 Spire Global, Inc.  
Modification  
Granted in Part/ Deferred in Part

Effective Date: 08/31/2020

**Nature of Service:** Earth Exploration Satellite Service, Mobile Satellite Service, Other

On August 31, 2020, the Satellite Division granted, with conditions, the request by Spire Global, Inc., for modification of the license granted for its non-geostationary satellite system, LEMUR, with respect to one satellite to include operations in the 8025-8325 MHz (space-to-Earth) and 9200-10550 MHz (Earth-to-space) frequency bands.

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**SAT-MOD-20200612-00072** E S3017 Hughes Network Systems, LLC  
Modification  
Grant of Authority

Effective Date: 09/03/2020

**Nature of Service:** Fixed Satellite Service

On September 3, 2020, the Satellite Division modified the authorization for the Hughes Network Systems, LLC EchoStar XXIV space station (also known as HNS 95W or Jupiter 3)(call sign S3017) to add the frequencies 29.997 GHz (Earth-to-space) and 41.999 GHz (space-to-Earth) for tracking, telemetry, and command functions, and to increase authorized equivalent isotropically radiated power (EIRP), EIRP density, and power flux density (PFD) levels. EchoStar XXIV operates in the 28.6-29.1 GHz and 50.4-51.4 GHz (Earth-to-space) and the 18.8-19.3 GHz (space-to-Earth) frequency bands to provide fixed-satellite service. EchoStar XXIV will use the following center frequencies for telemetry, tracking, and command: 20.197 GHz, 20.199 GHz, 29.993 GHz, and 41.999 GHz (space-to-Earth); and 29.993 GHz, 29.995, and 29.997 GHz (Earth-to-space).

For more information concerning this Notice, contact the Satellite Division at 202-418-0719; TTY 1-888-835-5322.