



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON D.C. 20554

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**Report No. SAT-01506**

**DA No. 20-1226**  
**Friday October 16, 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-AMD-20200527-00063** E S3052 Loft Orbital Solutions Inc.  
Amendment  
Grant of Authority Effective Date: 10/08/2020

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

See IBFS File No. SAT-LOA-20190807-00072 for a full description of the action taken.

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**SAT-AMD-20200528-00064** E S3014 Astro Digital US, Inc.  
Amendment  
Granted in Part/ Deferred in Part Effective Date: 10/09/2020

**Nature of Service:** Earth Exploration Satellite Service

See IBFS File No. SAT-LOA-20170508-00071 for a full description of the action taken.

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**SAT-LOA-20170508-00071** E S3014 Astro Digital US, Inc.  
Launch and Operating Authority  
Granted in Part/ Deferred in Part Effective Date: 10/09/2020

**Nature of Service:** Earth Exploration Satellite Service

On October 9, 2020, the Satellite Division issued, with conditions, a further grant-in-part of the application of Astro Digital US, Inc., as amended, to construct, deploy, and operate a constellation of satellites to provide earth-exploration satellite service. The Division granted Astro Digital's request to modify certain conditions in its prior partial grant, including a brief extension of time to launch its Landmapper BC-5 satellite from October 31, 2020 to March 31, 2021. Astro Digital was also authorized to operate the Landmapper BC-5 satellite using certain frequencies within the 2025-2110 MHz (Earth-to-space) frequency band for telemetry, tracking, and command communications. The Division continued to defer action on the remainder of Astro Digital's application.

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

On October 8, 2020, the Satellite Division granted, with conditions, the application of Loft Orbital Solutions, Inc., as amended, to construct, deploy, and operate a single non-geostationary orbit space station, to be known as YAM-2, operating at an altitude of 550 km. Loft was authorized to operate the YAM-2 space station for communications in the earth-exploration satellite service in the 8025-8400 (space-to-Earth) frequency band and in the standard frequency and time signal-satellite Service in the 400.075-400.125 MHz (space-to-Earth) frequency band. Loft was also authorized to operate the YAM-2 space station in the fixed-satellite and mobile-satellite services (Earth-to-space) for reception from U.S. earth stations in the 902-906 MHz frequency band and for reception from non-U.S. earth stations in the 865-866.4 MHz, 868-869.7 MHz, 902-905 MHz and 920-924 MHz (Earth-to-space) frequency bands. Loft was authorized to operate TT&C communications with the YAM-2 space station in the 2200-2290 MHz (space-to-Earth), 8025-8400 MHz (space-to-Earth), and 2025-2110 MHz (Earth-to-space) frequency bands. Additionally, the Division authorized Loft to conduct inter-satellite communications to transmit to the Globalstar satellite system in the 1613.8-1626.5 MHz (space-to-space) frequency band and receive in the 2483.5-2495 MHz frequency band (space-to-space), and to receive inter-satellite communications from Inmarsat satellites in the 1535-1559 MHz (space-to-space) frequency band. This application was granted under the streamlined small satellite procedures adopted by the Commission in FCC 19-81.

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