



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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DA No. 18-370  
Friday April 13, 2018

Report No. SAT-01310

## 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-LOA-20170508-00071** E S3014 Astro Digital US, Inc.  
Launch and Operating Authority  
Granted in Part/ Deferred in Part Effective Date: 04/12/2018

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

On April 12, 2018, the Satellite Division issued a further grant in part of Astro Digital U.S., Inc.'s application to construct, deploy, and operate its Landmapper Earth Exploration Satellite Service system at orbital altitudes between 475 and 625 km. The Division granted Astro Digital's request for a waiver of a condition of its prior grant in part to use ITU software to demonstrate EPFD compliance with the same ITU Article 22 limits applicable to NGSO FSS operations in the 29.9-30.0 GHz band. Astro Digital was previously granted authority to construct, deploy and operate one Landmapper-BC satellite using the following frequencies: (1) 25.5-27.0 GHz (space-to-Earth) and 29.9-30.0 GHz (Earth-to-space) frequency bands for EESS; (2) 402.9 MHz (Earth-to-space) and 400.5 MHz (space-to-Earth) for telemetry, tracking, and command; and (3) 2483.5-2495 MHz and 1615-1617.775 MHz for inter-satellite links between its satellite and the Globalstar system. The Division continued to defer action on the remainder of Astro Digital's application.

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**SAT-MOD-20180103-00002** E S2368 Intelsat License LLC  
Modification 04/12/2018 - 08/31/2023  
Grant of Authority Effective Date: 04/12/2018

**Nature of Service:** Fixed Satellite Service

On April 12, 2018, the Satellite Division granted Intelsat License LLC's request to modify its license for the Intelsat 1R space station to specify the operations of Intelsat 1R at the 157.1° E.L. orbital location in the 3700-4200 MHz, 10.95-11.2 GHz, 11.45-11.95 GHz (space-to-Earth), 5925-6425 MHz and 13.75-14.5 GHz (Earth-to-space) frequency bands. Telemetry, tracking and command operations use the following center frequencies: 11696 MHz, 11697 MHz (space-to-Earth); and 13995 MHz, 14498.5 MHz (Earth-to-space).

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**SAT-STA-20180312-00021** E S2368 Intelsat License LLC  
Special Temporary Authority  
Grant of Authority Effective Date: 04/12/2018

Application listed as granted in IBFS to reflect operations pursuant to Section 1.62 of the Commission's rules.

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