



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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DA No. 23-1064

Report No. SAT-01774

Thursday November 9, 2023

## Satellite Licensing Division and Satellite Programs and Policy Division Information

### Actions Taken

The Commission, by its Space 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-20220921-00113** E S3153 Space Sciences & Engineering LLC  
Launch and Operating Authority  
Grant of Authority Effective Date: 11/06/2023

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

On November 6, 2023, the Satellite Programs and Policy Division granted, with conditions, authority to Space Sciences & Engineering LLC (PlanetiQ) to launch and operate one satellite, GNOMES-4, in low-Earth, non-geostationary orbit, for purposes of deriving data from radio occultation using signals transmitted from satellites that operate in the Radionavigation Satellite Service (RNSS). PlanetiQ is authorized to deploy GNOMES-4 between 505 and 545 kilometers, at an inclination between 97 and 98 degrees and to operate GNOMES-4 at altitudes from approximately 525 kilometers down to approximately 430 km, and with an inclination of 97.6 degrees (+/- 0.5 degrees) in sun-synchronous orbit, allowing for natural orbital decay. The Division authorized PlanetiQ to operate in the earth-exploration satellite service (EESS) and for telemetry, tracking, and command (TT&C) using frequencies in the 8025-8400 MHz (space-to-Earth) and 2025-2110 MHz (Earth-to-space) bands. In addition, PlanetiQ may receive RNSS signals for radio occultation and position, navigation, and timing at center frequencies of 1575.42 MHz and 1227.6 MHz from the Global Positioning System and center frequencies of 1575.42 MHz and 1207.14 MHz from the Galileo system, and may receive other RNSS signals limited to use for radio occultation only at center frequencies of 1602 MHz, 1246 MHz, 1575.42 MHz, and 1207.14 MHz. This application is granted pursuant to the small satellite licensing procedures in section 25.122 of the Commission's rules, 47 CFR § 25.122.

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**SAT-MOD-20230706-00161** E S2804 Intelsat License LLC  
Modification  
Grant of Authority Effective Date: 11/07/2023

**Nature of Service:** Fixed Satellite Service

On November 7, 2023, the Satellite Programs and Policy Division granted, with conditions, Intelsat License LLC's request for modification of the license for its Intelsat 25 space station, to extend the license term to March 15, 2025. Intelsat 25 provides fixed-satellite service at the 31.5° W.L. orbital location using the following frequencies: 3400-4200 MHz (space-to-Earth), 5845-6645 MHz (Earth-to-space); and 11.45-11.7 GHz, 12.25-12.75 GHz (space-to-Earth), and 13.75-14.5 GHz (Earth-to-space). Intelsat conducts telemetry, tracking and command operations with Intelsat 25 using the following center frequencies: 3630.0 MHz and 4198.5 MHz (space-to-Earth), and 5850.5 MHz and 6419.0 MHz (Earth-to-space).

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**SAT-STA-20231010-00243** E S3017 Hughes Network Systems, LLC  
Special Temporary Authority  
Grant of Authority Effective Date: 11/08/2023

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On November 8, 2023, the Satellite Programs and Policy Division granted, with conditions, special temporary authority to Hughes Network Systems, LLC for an additional period of 60 days to operate the EchoStar XXIV (aka "Jupiter 3") space station in the 18.8-19.3 GHz and 28.6-29.1 GHz frequency bands for in-orbit testing (IOT) on a non-interference, unprotected basis. EchoStar XXIV will conduct IOT from the 95.2° W.L. orbital location.

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**SAT-STA-20231030-00266**    E                      Universal Space Network, Inc.  
Special Temporary Authority  
Withdrawn

Effective Date:    11/06/2023

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For more information concerning this Notice, contact the Satellite Licensing Division and Satellite Programs and Policy Division at (202) 418-0719.