



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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**Report No. SAT-01364**

**Friday December 14, 2018**

## **Satellite Policy Branch Information Space Station Applications Accepted for Filing**

The applications listed below have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined that the application is not in conformance with the Commission's rules or its policies. Consideration of each satellite application in this Public Notice may depend on the Commission's action on another satellite application earlier in the queue. Petitions, oppositions, and other pleadings filed in response to this notice should conform to Section 25.154 of the Commission's rules, unless otherwise noted. 47 C.F.R. § 25.154.

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**SAT-AMD-20170929-00137** E S2993 The Boeing Company  
Date Filed: 09/29/2017 16:16:39:00000  
Amendment

See IBFS File No. SAT-LOA-20170301-00028 for a description of the application as amended.

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**SAT-AMD-20180131-00013** E S2993 The Boeing Company  
Date Filed: 01/31/2018 14:31:11:05000  
Amendment

See IBFS File No. SAT-LOA-20170301-00028 for a description of the application as amended.

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**SAT-LOA-20170301-00028** E S2993 The Boeing Company  
Date Filed: 03/01/2017 21:42:01:74600  
Launch and Operating Authority

The Boeing Company requests authority to construct, deploy, and operate a non-geostationary-satellite orbit satellite system, known as the V-band Constellation, in order to provide fixed-satellite service. The V-band Constellation would consist of 132 low Earth orbit satellites operating at a circular altitude of 1056 km and 15 highly inclined NGSO satellites operating at altitudes between approximately 27,355 and 44,221 km. Boeing seeks to operate the V-band Constellation in the 37.5-42.0 GHz (space-to-Earth) and the 47.2-50.2 GHz and 50.4-51.4 GHz (Earth-to-space) frequency bands. The V-band Constellation also would include inter-satellite links among its satellites, or between its satellites and satellites in geostationary orbit, in the following frequency bands: 17.8-19.3 GHz, 19.7-20.2 GHz, and 37.5-42.0 GHz (receive); and 27.5-29.1 GHz, 29.5-30.0 GHz, 47.2-50.2 GHz, 50.4-51.4 GHz, and 65-71 GHz (transmit). Boeing requests waivers of Sections 2.106, 25.116, 25.202(a)(1), 25.156(d)(4), 25.156(d)(5), 25.157(e), and 25.159(b) of the Commission's rules in connection with its request, as amended.

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**SAT-MOD-20181108-00083**      E   S2983/3018      Space Exploration Holdings, LLC

Date Filed: 11/08/2018 11:22:07:27300

Modification

Space Exploration Holding, LLC (SpaceX) requests modification of the authorization for its previously authorized 4,425 non-geostationary orbit satellite constellation using Ku- and Ka-band spectrum (IBFS File Nos. SAT-LOA-20161115-00118 and SAT-LOA-20170726-00110). Specifically, SpaceX seeks to: (1) reduce the number of satellites in the constellation from 4,425 to 4,409; (2) relocate 1,584 satellites authorized to operate at an altitude of 1,150 km to an altitude of 550 km; and (3) make related changes to the operations of the satellites in this new lower shell of the constellation. SpaceX also addresses three conditions included in its existing authorization related to orbital debris mitigation, compliance with applicable limits on equivalent power flux-density, and protection of fixed services in the Ka-band. SpaceX requests waivers, to the extent necessary, of Sections 25.157(c) and 25.146(a) of the Commission's rules, as well as of various limitations in the Commission's Schedule S software, in connection with this request.

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**SAT-STA-20181128-00086**      E   S2750      Intelsat License LLC

Date Filed: 11/28/2018 10:42:43:18300

Special Temporary Authority

Intelsat License LLC requests special temporary authority, for a period of 180 days, to operate the Intelsat 16 Ku-band beam over a new coverage area in the communications frequencies of 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) in order to conduct a customer test.

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