



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET S.W.
WASHINGTON D.C. 20554

News media information 202-418-0500
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)
TTY (202) 418-2555

Report No. SAT-01130

Friday January 22, 2016

Policy Branch Information Satellite Space 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.

SAT-AMD-20151221-00084 E S2811 EchoStar Satellite Operating Corporation
Date Filed: 12/21/2015 13:56:24:40000
Amendment

See IBFS File No. SAT-MOD-20150911-00063 for a description of the application as amended.

SAT-LOA-20151123-00078 E S2946 Spire Global, Inc.
Date Filed: 11/23/2015 18:33:08:56000
Launch and Operating Authority

Spire Global, Inc. requests authority to deploy and operate a constellation of up to 175 technically identical non-geostationary satellites, operating at orbital altitudes from 400 to 720 km and inclinations ranging from equatorial to polar sun-synchronous (98 degrees) to provide maritime monitoring, meteorological monitoring, and earth imaging services. To maintain an operational fleet of up to 175 satellites, Spire requests authority to deploy a total of up to 900 technically identical satellites over a period of 15 years. Spire requests authority to operate in the 8025-8400 MHz frequency band (space-to-Earth) and the 2025-2110 MHz frequency band (Earth-to-space), including for telemetry, tracking, and control. Spire also seeks authority to operate in the 2020-2025 MHz frequency band (space-to-Earth) and the 402-403 MHz frequency band (Earth-to-space) for redundancy and emergency backup purposes and, for Phase II satellites, to transmit a satellite health beacon signal in the 402-403 MHz frequency band. In addition, Spire proposes to receive AIS signals in the 161.9625-161.9875 MHz and 162.0125-162.0375 MHz frequency bands, and GPS signals centered at 1575.42 MHz and 1227.60 MHz. Spire requests that this application be processed pursuant to the first-come, first-served procedure adopted for "GSO-like satellite systems" under Section 25.158 of the Commission's rules and requests waivers of Sections 25.156 and 25.157 of the Commission's rules. Spire requests a waiver of the default service rules under Section 25.217(b) of the Commission's rules. Spire also request a waiver of the U.S. Table of Frequency Allocations, Section 2.106, to use the 402-403 MHz frequency band (Earth-to-space) and the 2020-2025 MHz frequency band (Earth-to-space) on a non-conforming, non-harmful interference basis. Spire also requests a limited waiver of Section 25.114(c) of the Commission's rules, which requires certain information to be filed in the Schedule S.

SAT-MOD-20150911-00063 E S2811 EchoStar Satellite Operating Corporation

Date Filed: 09/11/2015 11:53:43:04300

Modification

EchoStar Satellite Operating Corporation requests modification of its authorization for the EchoStar 15 satellite to authorize EchoStar 15 as an in-orbit spare at the 61.65° W.L. orbital location. EchoStar seeks to conduct telemetry, tracking, and command operations for EchoStar 15 at 61.65° W.L. using the following center frequencies: 12,692.0 MHz, 12,693.0 MHz, 12,694.5 MHz, 12,698.5 MHz, (space-to-Earth) and 17,791.5 MHz, 17,793.5 MHz (Earth-to-space).

SAT-STA-20150821-00060 E Spaceflight, Inc.

Date Filed: 08/21/2015 19:13:16:99600

Special Temporary Authority

Spaceflight Inc. requests special temporary authority to operate a non-geostationary spacecraft to be known as SHERPA, designed to deploy approximately 90 small spacecraft in low Earth orbit over the course of a twelve-hour operational period. Spaceflight Inc. seeks authority to use the 401.5 MHz (space-to-Earth) and 450.2 MHz (Earth-to-space) frequency bands for space operation communications during the twelve-hour operational lifetime of SHERPA. The request is limited to the SHERPA spacecraft and does not extend to individual licenses for the small spacecraft on board SHERPA.

SAT-STA-20160114-00002 E S2741 EchoStar Satellite Operating Corporation

Date Filed: 01/14/2016 16:00:30:53600

Special Temporary Authority

EchoStar Satellite Operating Corporation requests special temporary authority for a period of 180 days to continue to operate the EchoStar 3 satellite to provide Direct Broadcast Satellite service over channels 1 and 2 at the 61.8° W.L. orbital location. EchoStar states that it will continue to comply with conditions set forth in our June 2012 order. See EchoStar Satellite Operating Corporation Applications for Special Temporary Authority to Operate Direct Broadcast Satellite Service Space Stations EchoStar 3, EchoStar 12, EchoStar 15, and EchoStar 16 on Channels 1 and 2 at the 61.5° W.L. Orbital Location, Order and Authorization, 27 FCC Rcd 7138, 7141-42, para. 11 (Int'l Bur. Sat. Div. 2012).

SAT-STA-20160114-00003 E S2653 EchoStar Satellite Operating Corporation

Date Filed: 01/14/2016 16:02:59:30600

Special Temporary Authority

EchoStar Satellite Operating Corporation requests special temporary authority for a period of 180 days to continue to operate the EchoStar 12 satellite to provide Direct Broadcast Satellite service over channels 1 and 2 at the 61.35° W.L. orbital location. EchoStar states that it will continue to comply with conditions set forth in our June 2012 order. See EchoStar Satellite Operating Corporation Applications for Special Temporary Authority to Operate Direct Broadcast Satellite Service Space Stations EchoStar 3, EchoStar 12, EchoStar 15, and EchoStar 16 on Channels 1 and 2 at the 61.5° W.L. Orbital Location, Order and Authorization, 27 FCC Rcd 7138, 7141-42, para. 11 (Int'l Bur. Sat. Div. 2012).

SAT-STA-20160114-00004 E S2844 EchoStar Satellite Operating Corporation

Date Filed: 01/14/2016 16:03:37:19300

Special Temporary Authority

EchoStar Satellite Operating Corporation requests special temporary authority for a period of 180 days to continue to operate the EchoStar 16 satellite to provide Direct Broadcast Satellite service over channels 1 and 2 at the 61.5° W.L. orbital location. EchoStar states that it will continue to comply with conditions set forth in our June 2012 order. See EchoStar Satellite Operating Corporation Applications for Special Temporary Authority to Operate Direct Broadcast Satellite Service Space Stations EchoStar 3, EchoStar 12, EchoStar 15, and EchoStar 16 on Channels 1 and 2 at the 61.5° W.L. Orbital Location, Order and Authorization, 27 FCC Rcd 7138, 7141-42, para. 11 (Int'l Bur. Sat. Div. 2012).

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