



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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**Report No. SAT-01321**

**Friday June 8, 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-20180531-00044** E AMSC-1 Ligado Networks Subsidiary LLC  
Date Filed: 05/31/2018 12:33:42:51000  
Amendment

Ligado Networks LLC has filed an amendment to its pending applications seeking changes to the ancillary terrestrial component of its L-band mobile-satellite service networks. In the amendment, Ligado proposes specific measures to protect certified aviation GPS receivers by limiting transmit power in the 1526-1536 MHz band and by observing other conditions.

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**SAT-AMD-20180531-00045** E S2358 Ligado Networks Subsidiary LLC  
Date Filed: 05/31/2018 12:34:36:03000  
Amendment

Ligado Networks LLC has filed an amendment to its pending applications seeking changes to the ancillary terrestrial component of its L-band mobile-satellite service networks. In the amendment, Ligado proposes specific measures to protect certified aviation GPS receivers by limiting transmit power in the 1526-1536 MHz band and by observing other conditions.

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**SAT-MOD-20180424-00029** E S2750 Intelsat License LLC  
Date Filed: 04/24/2018 14:00:00:94300  
Modification

Intelsat License, LLC requests a modification of its authorization for the Intelsat 16 space station to specify operations at the 76.2° W.L. orbital location, instead of its authorized location at 58.1° W.L. Intelsat 16 currently provides fixed- satellite service at 76.2° W.L pursuant to special temporary authority. At the 76.2° W.L. orbital location, Intelsat 16 will continue to operate in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) bands using the following center frequencies for telemetry, tracking and command: 12198.25 MHz, 12198.75 MHz (space-to-Earth); and 13997.5 MHz, 14499.5 MHz (Earth-to-space).

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**SAT-RPL-20180430-00033**      E S3033      Sirius XM Radio Inc.

Date Filed: 04/30/2018 16:35:44:62600

Replacement Satellite Application (no new frequency)

Sirius XM Radio Inc. requests authority to construct, deploy, test, and operate a new replacement satellite, to be known as SXM-7. Specifically, Sirius XM requests: (1) authority to launch and operate SXM-7, which is intended to replace XM-3 at 85.15° W.L., with an east-west orbital station-keeping tolerance of +/- 0.1 degrees, to provide Satellite Digital Audio Radio Service using the 2320-2345 MHz and 7025-7075 MHz frequency bands; (2) authority to perform in-orbit testing of SXM-7 at 120° W.L. +/- 0.1 degrees; (3) authority to perform telemetry, tracking and command in order to position SXM-7 at 120° W.L. during IOT and thereafter drift SXM-7 to 85.15° W.L., using the 4196-4198.5 MHz (Space-to-Earth) and 6422-6425 MHz (Earth-to-Space) frequency bands; and (5) the flexibility to subsequently reposition and operate SXM-7 at either of the 85.15° W.L. or 115.25° W.L. orbital locations as needed to meet SDARS service requirements. Sirius XM Radio Inc. requests waiver of Sections 25.118(e), 25.202(g), and 25.210(j) of the Commission's rules in connection with this application.

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**SAT-RPL-20180430-00034**      E S3034      Sirius XM Radio Inc.

Date Filed: 04/30/2018 16:40:16:69300

Replacement Satellite Application (no new frequency)

Sirius XM Radio Inc. requests authority to construct, deploy, test, and operate a new replacement satellite, to be known as SXM-8. Specifically, Sirius XM requests: (1) authority to launch and operate SXM-8, which is intended to replace XM-4 at 115.25° W.L. +/- 0.1 degrees, to provide Satellite Digital Audio Radio Service using the 2320-2345 MHz and 7025-7075 MHz frequency bands; (2) authority to perform in-orbit testing of SXM-8 at 120° W.L. +/- 0.1 degrees; (3) authority to perform telemetry, tracking and command in order to position SXM-8 at 120° W.L. during IOT and thereafter drift SXM-8 to 115.25° W.L. using the 4196-4198.5 MHz (Space-to-Earth) and 6422-6425 MHz (Earth-to-Space) frequency bands; and (5) the flexibility to subsequently reposition and operate SXM-8 at either of the 85.15° W.L. or 115.25° W.L. orbital locations as needed to meet SDARS service requirements. Sirius XM Radio Inc. requests waiver of Sections 25.118(e), 25.202(g), and 25.210(j) of the Commission's rules in connection with this application.

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