



PUBLIC NOTICE

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

News media information 202-418-0500
Fax-On-Demand 202-418-2830; Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)
TTY (202) 418-2555

Report No. SAT-00230

Friday July 30, 2004

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 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-20040713-00132 E S2317 The Boeing Company
Date Filed: 07/13/2004 15:46:38:04000
Amendment

The Boeing Company has filed an amendment to its pending application for modification of its license to launch and operate a 2 GHz MSS satellite at 120° W.L. (File Nos. SAT-MOD-20030711-00128 and SAT-AMD-20040827-00241). The modification application had previously requested authorization for changes in the satellite's design and for assignment of additional feeder-link spectrum, among other things. This amendment withdraws the requests for satellite-design changes and additional spectrum. Also, in this amendment Boeing requests an eight-month extension of the time allowed for launching the satellite.

SAT-AMD-20040719-00135 E S2241 SkyBridge L.L.C.
Date Filed: 07/19/2004 12:58:11:04600
Amendment

SkyBridge L.L.C. has filed an amendment to its pending application to launch and operate a non-geostationary satellite system in the Ku-band (see Application File Nos. 48-SAT-P/LA-97 (IBFS File No. SAT-LOA-1997-0228-00021); 89-SAT-AMEND-97 (IBFS File No. SAT-AMD-19970703-00058), 130-SAT-AMEND-98 (IBFS File No. SAT-AMD-19980630-00056), SAT-AMD-19990108-00004, SAT-AMD-20020917-00167) pursuant to a public notice entitled "International Bureau Satellite Division Information, Orbital Debris Mitigation Plan, Clarification of 47 C.F.R. Sections 25.143(b), 25.145(c)(3), 25.146(i)(4) and 25.217(d) Regarding Casualty Risk Assessment for Satellite Atmospheric Re-entry," Public Notice, DA 04-1724, Report No. SPB-208 (rel. June 16, 2004).

SAT-AMD-20040721-00142 E S2370 Lockheed Martin Corporation
Date Filed: 07/21/2004 12:37:02:54600
Amendment

In response to the July 9, 2004 letter from Thomas S. Tycz, Chief, Satellite Division, International Bureau, Federal Communications Commission, Lockheed Martin Corporation (Lockheed Martin) has filed an amendment to its pending applications for authority to establish a global radionavigation-satellite service (RNSS) system called the Regional Positioning System (RPS) from the 79° W.L., 71° E.L., and 131.8° E.L. orbital locations (File Nos. SAT-LOA-19990427-00045, as amended, SAT-AMD-20030730-00149, SAT-LOA-19990427-00049, as amended, SAT-AMD-20030730-00152, and SAT-LOA-19990427-00050, as amended, SAT-AMD-20030730-00153, respectively). Lockheed Martin provides additional information regarding the center frequencies it plans to use for the proposed TT&C functions on the three referenced spacecraft. In addition, Lockheed Martin requests of waiver of Section 25.202(g) of the Commission's Rules, 47 C.F.R. § 25.202(g), to provide justification to use the fixed-satellite service (FSS) band at 3650-3700 MHz for its telemetry, tracking, and control (TT&C) downlink functions (in lieu of the RNSS frequency bands).

SAT-AMD-20040721-00143 E S2374 Lockheed Martin Corporation
Date Filed: 07/21/2004 12:38:11:69000
Amendment

In response to the July 9, 2004 letter from Thomas S. Tycz, Chief, Satellite Division, International Bureau, Federal Communications Commission, Lockheed Martin Corporation (Lockheed Martin) has filed an amendment to its pending applications for authority to establish a global radionavigation-satellite service (RNSS) system called the Regional Positioning System (RPS) from the 79° W.L., 71° E.L., and 131.8° E.L. orbital locations (File Nos. SAT-LOA-19990427-00045, as amended, SAT-AMD-20030730-00149, SAT-LOA-19990427-00049, as amended, SAT-AMD-20030730-00152, and SAT-LOA-19990427-00050, as amended, SAT-AMD-20030730-00153, respectively). Lockheed Martin provides additional information regarding the center frequencies it plans to use for the proposed TT&C functions on the three referenced spacecraft. In addition, Lockheed Martin requests of waiver of Section 25.202(g) of the Commission's Rules, 47 C.F.R. § 25.202(g), to provide justification to use the fixed-satellite service (FSS) band at 3650-3700 MHz for its telemetry, tracking, and control (TT&C) downlink functions (in lieu of the RNSS frequency bands).

SAT-AMD-20040721-00144 E S2375 Lockheed Martin Corporation
Date Filed: 07/21/2004 12:39:04:66000
Amendment

In response to the July 9, 2004 letter from Thomas S. Tycz, Chief, Satellite Division, International Bureau, Federal Communications Commission, Lockheed Martin Corporation (Lockheed Martin) has filed an amendment to its pending applications for authority to establish a global radionavigation-satellite service (RNSS) system called the Regional Positioning System (RPS) from the 79° W.L., 71° E.L., and 131.8° E.L. orbital locations (File Nos. SAT-LOA-19990427-00045, as amended, SAT-AMD-20030730-00149, SAT-LOA-19990427-00049, as amended, SAT-AMD-20030730-00152, and SAT-LOA-19990427-00050, as amended, SAT-AMD-20030730-00153, respectively). Lockheed Martin provides additional information regarding the center frequencies it plans to use for the proposed TT&C functions on the three referenced spacecraft. In addition, Lockheed Martin requests of waiver of Section 25.202(g) of the Commission's Rules, 47 C.F.R. § 25.202(g), to provide justification to use the fixed-satellite service (FSS) band at 3650-3700 MHz for its telemetry, tracking, and control (TT&C) downlink functions (in lieu of the RNSS frequency bands).

SAT-MOD-20040614-00113 E S2133 The DIRECTV Group, Inc.
Date Filed: 06/14/2004 14:30:31:85000
Modification

The DIRECTV Group, Inc. has filed an application for modification of its authority to launch and operate its SPACEWAY-2 Ka-band satellite system at 99° W.L. Among the changes involved in this modification are: (1) the use of phased-array antennas for downlink transmissions through small, hopping spot beams with higher EIRP, and greater antenna pointing accuracy and control; (2) the addition of a downlink broadcasting capability through a single or multiple wide-area beams on each polarization to cover wide geographic areas; (3) new bandwidth partitioning and frequency re-use schemes for uplink and downlink signals; (4) the ability to operate either with or without on-board processing; (5) the combining of the two satellite payloads currently authorized at this orbital location onto a single satellite; (6) an improved telemetry, tracking and command systems, and (7) relinquish spectrum no longer needed for inter-satellite links. The satellite will operate in the 18.3-18.8 GHz and 19.7-20.2 GHz bands (space-to-Earth), and 28.35-28.6 GHz and 29.25-30.0 GHz bands (Earth-to-space). In addition, DIRECTV has requested waivers of Sections 25.210(c), 25.210(d), 25.210(i) and Sections S6, S7, S8, S10, S13 of Schedule S.

SAT-MOD-20040614-00114 E S2191 The DIRECTV Group, Inc.

Date Filed: 06/14/2004 14:32:14:70000

Modification

The DIRECTV Group, Inc. has filed an application to modify its authorization to launch and operate its SPACEWAY-1 Ka-band satellite system 103° W.L. The proposed modifications, in part, will (1) update the system's design to incorporate state-of-the-art technology, such as the use of phased array antennas, and (2) relinquish spectrum no longer needed for inter-satellite links. The satellite will operate in the 18.3-18.8 GHz and 19.7-20.2 GHz bands (space-to-Earth), and 28.35-28.6 GHz and 29.25-30.0 GHz bands (Earth-to-space). In addition, DIRECTV has requested waivers of Sections 25.210(c), 25.210(d), 25.210(i) and Sections S6, S7, S8, S10, S13 of Schedule S.

SAT-MOD-20040630-00128 E S2132 DIRECTV Enterprises, LLC

Date Filed: 06/30/2004 22:10:16:24600

Modification

DIRECTV Enterprises, LLC has filed an application for modification of its authorization to operate a Ka-band satellite at 101° WL. Among other things, the proposed modifications will (1) combine onto a single satellite the individual Ka-band payloads originally authorized for deployment on two satellites at 101° W.L.; (2) combine the Ka-band payload with a Direct Broadcast Satellite (DBS) payload on a high-power hybrid satellite; and (3) relinquish spectrum no longer needed for inter-satellite links. In addition, DIRECTV has requested waivers of Sections 25.202(g), 25.210(d), and 25.210(i) and Section S7 of Schedule S.

SAT-MOD-20040726-00147 E S2398 Intelsat LLC

Date Filed: 07/26/2004 16:45:34:98600

Modification

On July 26, 2004, Intelsat, LLC has filed an application for modification of its authorization to operate its INTELSAT 707 satellite, pursuant to the streamlined fleet management procedures under section 25.118(e) of the Commission's rules to move INTELSAT 707, operating on the 3700-4200, 5925-6425, 10950-11200, 11450-11950, 12500-12750 and 14000-14500 MHz frequency bands, from the 1.0° W.L. orbital location to 53.0° W.L. orbital location. This modification will be effective on August 25, 2004.

SAT-RPL-20040630-00127 E S2632 DIRECTV Enterprises, LLC

Date Filed: 06/30/2004 21:53:55:99300

Replacement Satellite Application (no new frequency)

DIRECTV Enterprises, LLC (DIRECTV) has filed an application for authority to launch and operate DIRECTV 8, a satellite in the Direct Broadcast Satellite (DBS) service. The satellite will replace the DIRECTV 2 satellite at the nominal 101° W.L. orbital location, and will be collocated with the DIRECTV 1, DIRECTV 1R, and DIRECTV 4S satellites currently operating at that location. In a related application, DIRECTV seeks authority to modify its Ka-band satellite authorization at the same orbital slot to create a hybrid DBS/Ka-band space station. (See File No. SAT-MOD-20040630-00128) DIRECTV states the addition of DIRECTV 8 to the existing constellation of DBS satellites will provide in-orbit redundancy for DIRECTV's DBS system and guard against potential interruptions in the service. In addition, the satellite will provide improved coverage of Alaska and Hawaii.

For more information concerning this Notice, contact the Satellite Division at 202-418-0719; TTY 202-418-2555.