PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SAT-00127 **Wednesday October 30, 2002**

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. 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-20021015-00188 E S2434 SES Americom, Inc.

Amendment

SES AMERICOM, Inc. has filed an amendment to is application for authority to launch and operate a hybrid replacement satellite to replace its Satcom C-1 and Americom-5 satellites. Specifically, SES AMERICOM seeks authority to operate the proposed replacement satellite, which is to be designated Americom-9 (AMC-9), at the 72° W.L. orbital location, rather than at 79° W.L. In addition, SES AMERICOM advises the Commission that the planned launch date for AMC-9 has been delayed by a month and the launch is currently scheduled for January 2003.

SAT-MOD-20020815-00154 P S2341 Hughes Network Systems, Inc.

Modification

Hughes Network Systems, Inc. has filed an application for modification of its Ka-band GSO FSS satellite system authorization. Hughes is proposing to incorporate system improvements to its licensed system configuration. A variety of technical changes are described in the application including, use of 112 satellite receive beams; use of phased-array antennas for downlink transmissions; addition of a downlink broadbcasting capability through multiple wide area beams; a variety of user uplink data transmission rates; new bandwidth partitioning and frequency re-use schemes for uplink and downlink signals; time-sharing of downlink carriers between spot beams and wide-area beam services; improved capability to do demodulation, re-modulation and packet switching; use of downlink power control; and improved TT&C design. The initial spacecraft in each location will operate in the 19.7-20.2 GHz and 29.5-30.0 GHz bands.

SAT-MOD-20020815-00155 P S2339 Hughes Network Systems, Inc.

Modification

Hughes Network Systems, Inc. has filed an application for modification of its Ka-band GSO FSS satellite system authorization. Hughes is proposing to incorporate system improvements to its licensed system configuration. A variety of technical changes are described in the application including, use of 112 satellite receive beams; use of phased-array antennas for downlink transmissions; addition of a downlink broadbcasting capability through multiple wide area beams; a variety of user uplink data transmission rates; new bandwidth partitioning and frequency re-use schemes for uplink and downlink signals; time-sharing of downlink carriers between spot beams and wide-area beam services; improved capability to do demodulation, re-modulation and packet switching; use of downlink power control; and improved TT&C design. The initial spacecraft in each location will operate in the 19.7-20.2 GHz and 29.5-30.0 GHz bands.

SAT-MOD-20020815-00156 P S2338 Hughes Network Systems, Inc.

Modification

Hughes Network Systems, Inc. has filed an application for modification of its Ka-band GSO FSS satellite system authorization. Hughes is proposing to incorporate system improvements to its licensed system configuration. A variety of technical changes are described in the application including, use of 112 satellite receive beams; use of phased-array antennas for downlink transmissions; addition of a downlink broadbcasting capability through multiple wide area beams; a variety of user uplink data transmission rates; new bandwidth partitioning and frequency re-use schemes for uplink and downlink signals; time-sharing of downlink carriers between spot beams and wide-area beam services; improved capability to do demodulation, re-modulation and packet switching; use of downlink power control; and improved TT&C design. The initial spacecraft in each location will operate in the 19.7-20.2 GHz and 29.5-30.0 GHz bands.

SAT-MOD-20020815-00157 P S2340 Hughes Network Systems, Inc.

Modification

Hughes Network Systems, Inc. has filed an application for modification of its Ka-band GSO FSS satellite system authorization. Hughes is proposing to incorporate system improvements to its licensed system configuration. A variety of technical changes are described in the application including, use of 112 satellite receive beams; use of phased-array antennas for downlink transmissions; addition of a downlink broadbcasting capability through multiple wide area beams; a variety of user uplink data transmission rates; new bandwidth partitioning and frequency re-use schemes for uplink and downlink signals; time-sharing of downlink carriers between spot beams and wide-area beam services; improved capability to do demodulation, re-modulation and packet switching; use of downlink power control; and improved TT&C design. The initial spacecraft in each location will operate in the 19.7-20.2 GHz and 29.5-30.0 GHz bands.

SAT-MOD-20020918-00183 P S2411 INTELSAT LLC

Modification

Intelsat LLC has filed an application for modification of its authorization to launch and operate the INTELSAT 907 satellite. Intelsat requests authority to deploy the INTELSAT 907 satellite at 27.5º W.L. in the first quarter of 2003 rather than at 31.5º W.L. in February 2003.

SAT-MOD-20021018-00191 E S2188 Hughes Network Systems, Inc.

Modification

Hughes Network Systems, Inc. has filed an application for modification of its Ka-band GSO FSS satellite system authorization. Hughes is proposing to incorporate system improvements to its licensed system configuration. A variety of technical changes are described in the application including, use of 112 satellite receive beams; use of phased-array antennas for downlink transmissions; addition of a downlink broadbcasting capability through multiple wide area beams; a variety of user uplink data transmission rates; new bandwidth partitioning and frequency re-use schemes for uplink and downlink signals; time-sharing of downlink carriers between spot beams and wide-area beam services; improved capability to do demodulation, re-modulation and packet switching; use of downlink power control; and improved TT&C design. The initial spacecraft in each location will operate in the 19.7-20.2 GHz and 29.5-30.0 GHz bands, but will not be equipped with inter-satellite links (ISLs).

SAT-MOD-20021018-00192 E S2187 Hughes Network Systems, Inc.

Modification

Hughes Network Systems, Inc. has filed an application for modification of its Ka-band GSO FSS satellite system authorization. Hughes is proposing to incorporate system improvements to its licensed system configuration. A variety of technical changes are described in the application including, use of 112 satellite receive beams; use of phased-array antennas for downlink transmissions; addition of a downlink broadbcasting capability through multiple wide area beams; a variety of user uplink data transmission rates; new bandwidth partitioning and frequency re-use schemes for uplink and downlink signals; time-sharing of downlink carriers between spot beams and wide-area beam services; improved capability to do demodulation, re-modulation and packet switching; use of downlink power control; and improved TT&C design. The initial spacecraft in each location will operate in the 19.7-20.2 GHz and 29.5-30.0 GHz bands, but will not be equipped with inter-satellite links (ISLs).

SAT-MOD-20021023-00193 E S2190 Hughes Network Systems, Inc.

Modification

Hughes Network Systems, Inc. has filed an application for modification of its Ka-band GSO FSS satellite system authorization. Hughes is proposing to incorporate system improvements to its licensed system configuration. A variety of technical changes are described in the application including, use of 112 satellite receive beams; use of phased-array antennas for downlink transmissions; addition of a downlink broadbcasting capability through multiple wide area beams; a variety of user uplink data transmission rates; new bandwidth partitioning and frequency re-use schemes for uplink and downlink signals; time-sharing of downlink carriers between spot beams and wide-area beam services; improved capability to do demodulation, re-modulation and packet switching; use of downlink power control; and improved TT&C design. The initial spacecraft in each location will operate in the 19.7-20.2 GHz and 29.5-30.0 GHz bands, but will not be equipped with inter-satellite links (ISLs).

SAT-MOD-20021023-00194 E S2185 Hughes Network Systems, Inc.

Modification

Hughes Network Systems, Inc. has filed an application for modification of its Ka-band GSO FSS satellite system authorization. Hughes is proposing to incorporate system improvements to its licensed system configuration. A variety of technical changes are described in the application including, use of 112 satellite receive beams; use of phased-array antennas for downlink transmissions; addition of a downlink broadbcasting capability through multiple wide area beams; a variety of user uplink data transmission rates; new bandwidth partitioning and frequency re-use schemes for uplink and downlink signals; time-sharing of downlink carriers between spot beams and wide-area beam services; improved capability to do demodulation, re-modulation and packet switching; use of downlink power control; and improved TT&C design. The initial spacecraft in each location will operate in the 19.7-20.2 GHz and 29.5-30.0 GHz bands, but will not be equipped with inter-satellite links (ISLs).

SAT-PDR-20021010-00196 P Loral Skynet do Brasil

Petition for Declaratory Ruling

On October 10, 2002, Loral Skynet do Brasil filed a Petition for Declaratory Ruling to include its Estrala do Sul 1 Ku-band satellite on the "Permitted Space Station List" created by the Commission in the DISCO II First Reconsideration Order. [See Amendment of the Commission's Regulatory Policies to Allow Non-U.S. Licensed Space Stations to Provide Domestic and International Satellite Service in the United States, Order, IB Docket No. 96-111, FCC 99-325 (released Oct. 29, 1999) (DISCO II First Reconsideration Order).]

- Estrela do Sul 1 located at 63° W.L.

NOTE: COMMENTS may be filed on or before NOVEMBER 14, 2002, and REPLY COMMENTS may be filed on or before November 22, 2002.

SAT-STA-20021002-00182 E PanAmSat Licensee Corp.

Special Temporary Authority

PanAmSat Licensee Corp. has filed a Request for Special Temporary Authority, for up to 90 days, to relocate the PAS-9 satellite from 45.15 degrees W.L. to 26.15 degrees E.L. During the relocation, only the TT&C payload will be in use and PanAmSat will not operate the satellite's communications payload.

SAT-STA-20021002-00185 E SES Americom, Inc.

Special Temporary Authority

By this application, SES AMERICOM, Inc. respectfully requests special temporary authority to continue operations on the Satcom C-4 satellite for a period of six months until its replacement satellite has been approved and launched.

Satcom C-4 is a geo-stationary C-band satellite operating at 135° W.L. Satcom C-4's ten-year license term will expire on October 16, 2002. SES AMERICOM has applied for authority to launch and operate a new C-band satellite, SES AMERICOM-10 (AMC-10), to replace Satcom C-4. As Satcom C-4 remains capable of providing reliable and affordable C-band service until at least November 2004, SES AMERICOM requests special temporary authority to operate Satcom C-4 for an additional period of six months in its current orbital position.

SAT-STA-20021015-00189 E S2434 SES Americom, Inc.

Special Temporary Authority

SES AMERICOM, Inc. has filed a request for special temporary authority to permit it to test its AMC-9 spacecraft at 82º W.L. prior to commencement of permanent service at the 72º W.L. orbital position. SES claims temporary operation of AMC-9 at 82º W.L. will in no way interfere with, or adversely affect, the operation of any other carrier's spacecraft. SES states construction of AMC-9 is nearly complete, and the spacecraft is currently scheduled for launch by January, 2003. SES requests temporary authority to test AMC-9 at 82º W.L. for a period of up to 60 days beginning upon the launch of the spacecraft.

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