

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554**

In the Matter of Application of)
)
SES AMERICOM, INC.) File No. SAT-STA-_____
) Call Sign S2135
For Special Temporary Authority to)
Relocate AMC-4 to 67° W.L.)

EXPEDITED ACTION REQUESTED

APPLICATION OF SES AMERICOM, INC.

SES Americom, Inc. (“SES Americom,” doing business as “SES WORLD SKIES”¹) hereby respectfully requests special temporary authority for a period of sixty days to relocate the AMC-4 C/Ku-band hybrid satellite from 101° W.L. to 67° W.L. and operate the satellite at that location in the Ku-band. Grant of the requested authority will serve the public interest by allowing SES WORLD SKIES to use AMC-4 to introduce new Ku-band service at 67° W.L. and by simplifying stationkeeping at the nominal 101° W.L. orbital location. SES WORLD SKIES respectfully requests action on this STA request by June 17, 2010.

In April, SES WORLD SKIES filed an application to reassign AMC-4 to 67° W.L. and commence Ku-band services there in accordance with the International Telecommunication Union (“ITU”) filings of the Colombian Administration, as Notifying Administration for the Andean Community (“CAN”).² As SES WORLD SKIES explained, AMC-4 currently operates

¹ On September 7, 2009, SES S.A. announced that the newly integrated operations of its two indirect subsidiaries, New Skies Satellites B.V. and SES Americom would be conducted under a single brand name, SES WORLD SKIES. The new brand name does not affect the underlying legal entities that hold Commission authorizations or U.S. market access rights.

² File No. SAT-MOD-20100421-00081 (Call Sign S2135) (the “AMC-4 Modification”). This application has not yet appeared on public notice.

at 101° W.L.,³ where it is collocated with SES WORLD SKIES' AMC-2 spacecraft.⁴ SES WORLD SKIES has launched a C/Ku-band replacement satellite, SES-1, which is licensed to operate at 101° W.L.⁵ Following the recent completion of in-orbit testing, SES-1 is expected to arrive at 101° W.L. in mid-June.

Pending action on the AMC-4 Modification, SES WORLD SKIES proposes to commence relocation of AMC-4 to 67° W.L. once SES-1 has arrived at 101° W.L. and AMC-4's traffic has been transferred to SES-1. Specifically, SES WORLD SKIES requests authority to perform Tracking, Telemetry, Command, and Monitoring ("TTC&M") in order to relocate AMC-4 from 101° W.L. to 67° W.L. and authority to operate both the TTC&M and Ku-band communications payloads on AMC-4 after it has arrived at 67° W.L.

Relocation of AMC-4 to 67° W.L. as proposed herein will not harm adjacent satellite operators. The AMC-4 Modification includes a full technical showing regarding the proposed operations of AMC-4 at 67° W.L. That information, which SES WORLD SKIES incorporates by reference herein, demonstrates that operation of AMC-4 at 67° W.L. will conform to Commission policies, including requirements regarding compatibility with adjacent satellites in a two-degree spacing environment and mitigation of orbital debris.⁶ During the drift,

³ AMC-4 Modification, Narrative at 2. AMC-4 is licensed to operate in the conventional C-band (3700-4200 MHz and 5925-6425 MHz), conventional Ku-band (11.7-12.2 GHz and 14.0-14.5 GHz), and extended Ku-band (11.45-11.7 GHz and 13.75-14.0 GHz) frequencies.

⁴ See File Nos. SAT-MOD-20080314-00072, SAT-MOD-20080124-00030, and SAT-AMD-20080311-00070, all grant-stamped May 19, 2008.

⁵ See File Nos. SAT-RPL-20100120-00014; SAT-AMD-20100309-00040 (Call Sign S2807), grant-stamped Apr. 20, 2010.

⁶ AMC-4 Modification, Technical Appendix.

SES WORLD SKIES will use only the satellite's TTC&M frequencies⁷ and will follow industry practices for coordinating TTC&M transmissions during relocation.

Upon arrival at 67° W.L., AMC-4 will operate in the conventional Ku-band (11.7-12.2 GHz downlinks and 14.0-14.5 GHz uplinks) and the extended Ku-band (11.45-11.7 GHz downlinks and 13.75-14.0 GHz downlinks) with coverage of North and South America.⁸

Operations will conform to the ITU filings and coordination agreements of the Administration of Colombia, as Notifying Administration for the Andean Community.

Grant of the requested authority will serve the public interest by allowing SES WORLD SKIES to use AMC-4 to initiate new service from the 67° W.L. orbital location. In addition, by permitting relocation of AMC-4 away from 101° W.L., the requested STA will simplify stationkeeping at 101° W.L. following the arrival of SES-1.

SES WORLD SKIES hereby certifies that no party to this application is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862.

SES WORLD SKIES waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.

For the foregoing reasons, SES WORLD SKIES seeks temporary authority for a period of up to 60 days to relocate AMC-4 to 67° W.L., to operate the TTC&M payload during

⁷ See *id.*, Technical Appendix at 2 (specifying use of telemetry carriers at 11702.0 MHz and 12198.0 MHz and telecommand carriers at 6423.5 MHz; SES WORLD SKIES has also coordinated use of a telemetry carrier at 3700.5 MHz).

⁸ See *id.*, Technical Appendix & Annex 1 (coverage maps).

the drift to that location, and to operate the TTC&M and Ku-band communications payloads upon arrival of AMC-4 at 67° W.L.

Respectfully submitted,

SES AMERICOM, INC.

By: /s/ Suzanne H. Malloy

Of Counsel

Karis A. Hastings
Hogan Lovells US LLP
555 13th Street, N.W.
Washington, D.C. 20004-1109
Tel: (202) 637-5600

Suzanne H. Malloy
Executive Director, International and
Regulatory Affairs
SES WORLD SKIES
2001 L Street, NW, Suite 800
Washington, DC 20036

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