

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

In the Matter of Application of	)	
	)	
SES AMERICOM, INC.	)	File No. SAT-STA-_____
	)	Call Sign S2156
For Special Temporary Authority to	)	
Relocate AMC-5 to 80.85° W.L. +/- 0.15 degrees	)	

**APPLICATION OF SES AMERICOM, INC.**

SES Americom, Inc. (“SES Americom,” doing business as “SES”) hereby respectfully requests special temporary authority (“STA”) for a period of sixty days beginning on or about April 5, 2013, to change slightly the station-keeping box for the satellite from 80.9° W.L. (+/- 0.1° east-west tolerance) to 80.85° W.L. (+/- 0.15° east-west tolerance). SES will continue to operate AMC-5 at the nominal 81° W.L. orbital location in accordance with the International Telecommunication Union (“ITU”) filings and coordination agreements of the Argentine Administration. Grant of the requested authority will enable SES to safely operate a second satellite (AMC-2) at the nominal 81° W.L. orbital location while conserving fuel for the provision of service.

SES is preparing a modification application to reflect this proposed small shift in the AMC-5 orbital assignment. Pending submission of and action on the modification, SES seeks authority to allow the change to take effect in order to accommodate the expected arrival of AMC-2. SES will make any authorized change in the AMC-5 orbital position at its own risk and understands that such authority would be without prejudice to any action the Commission ultimately may make regarding the application to reassign AMC-5 to 80.85° W.L. As discussed

herein, grant of the requested authority is consistent with Commission precedent<sup>1</sup> and will serve the public interest.

SES is currently authorized by the Commission to operate the AMC-5 satellite at the nominal 81° W.L. orbital location (at 80.9° W.L. to be precise) pursuant to the ITU satellite network filings of Argentina and under an agreement with SES's customer, Empresa Argentina de Soluciones Satelitales S.A. ("AR-SAT").<sup>2</sup> SES recently applied for authority to relocate its hybrid AMC-2 spacecraft from 19.0° E.L. to the nominal 81° W.L. orbital location under a similar arrangement with AR-SAT.<sup>3</sup> SES intends to operate both AMC-5 and AMC-2 within the same east-west stationkeeping box of 80.85° W.L. +/- 0.15°.

Grant of the requested authority will serve the public interest by enabling SES to safely co-locate a second satellite at the nominal 81° W.L. orbital location in order to expand service to its customer AR-SAT while conserving fuel for future operations. Moreover, the modification will not adversely affect any other operators. The proposed stationkeeping volume for AMC-2 and AMC-5 will not overlap with the stationkeeping volume of any other spacecraft. In addition, the small proposed shift in AMC-5's orbital location and stationkeeping box will have a minimal effect on the interference environment in which adjacent satellites operate. SES

---

<sup>1</sup> The Commission has routinely authorized operators to commence relocation of a satellite pending a request to reassign the satellite. *See, e.g., SES Americom, Inc.*, Call Sign S2135, File No. SAT-STA-20100525-00108 (grant-stamped July 12, 2010) (authorizing SES to drift AMC-4 from 101° W.L. to 67° W.L. pending action on the related modification application to reassign the satellite).

<sup>2</sup> *See* Stamp Grant, Call Sign S2156, File No. SAT-MOD-20110929-00192 (granted Feb. 24, 2012).

<sup>3</sup> *See* Call Sign S2134, File No. SAT-MOD-20130225-00024 (the "AMC-2 Modification"); Letter of N. Pablo Tognetti, AR-SAT, to Suzanne Malloy, SES, dated Feb. 25, 2013, attached to AMC-2 Modification narrative as Annex 1. The letter contemplates operation of both AMC-5 and AMC-2 at the nominal 81° W.L. location.

will coordinate internally to ensure compatibility of Ku-band operations between AMC-5 and AMC-2. AMC-5 will also be operated consistent with existing and future coordination agreements of the Argentine Administration relating to its ITU filings at 81° W.L.

SES 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 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 respectfully requests STA to relocate AMC-5 to 80.85° W.L. +/- 0.15 degrees beginning on or about April 5, 2013.

Respectfully submitted,

SES AMERICOM, INC.

By: /s/ Daniel C.H. Mah

Of Counsel  
Karis A. Hastings  
SatCom Law LLC  
1317 F Street, N.W., Suite 400  
Washington, D.C. 20004  
Tel: (202) 599-0975

Daniel C.H. Mah  
Regulatory Counsel  
SES Americom, Inc.  
Four Research Way  
Princeton, NJ 08540

Dated: March 22, 2013