

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

In the Matter of	)	
	)	
SES AMERICOM, INC.	)	File No. SAT-STA-_____
	)	Call Sign S2134
Request for Extension of Special Temporary	)	
Authority to Operate AMC-2 C-Band Payload	)	

**REQUEST OF SES AMERICOM, INC.**

SES Americom, Inc. (“SES Americom,” doing business as “SES WORLD SKIES”<sup>1</sup>), hereby respectfully requests a sixty-day extension of its special temporary authority to operate the C-band frequencies (including the C-band TT&C frequencies) on the AMC-2 hybrid satellite with polarizations that are the opposite of what is specified in the current AMC-2 license.<sup>2</sup> Extension is sought to permit operation of the AMC-2 C-band payload pending submission of and action on an application SES WORLD SKIES is preparing to file to seek modification of the AMC-2 license to conform to the current technical characteristics of the payload, without requiring a switch in the C-band polarization sense.<sup>3</sup> Grant of the requested STA will serve the public interest by facilitating possible use of the AMC-2 C-band payload to respond to customer demand.

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<sup>1</sup> SES WORLD SKIES is the commercial brand name for the integrated operations of two indirect subsidiaries of SES S.A.: SES Americom and New Skies Satellites B.V. (effective January 1, 2009). The brand name does not affect the underlying legal entities that hold Commission authorizations or U.S. market access rights.

<sup>2</sup> See File No. SAT-STA-20101117-00238, grant-stamped Nov. 19, 2010 (the “AMC-2 STA”) (authorizing C-band operations with the opposite polarization sense from that authorized in File No. SAT-MOD-20100324-00056 for a period of 30 days on a non-interference basis).

<sup>3</sup> The modification application being prepared also reflects a minor increase in the peak EIRP of the AMC-2 C-band payload.

The Commission in June authorized SES WORLD SKIES to relocate AMC-2 from the nominal 101° W.L. orbital location to 78.95° W.L.<sup>4</sup> SES WORLD SKIES had specified in that filing that the polarizations of the C-band transponders and TT&C frequencies at 78.95° W.L. would be reversed from the polarizations used at 101° W.L.<sup>5</sup> Although the AMC-2 satellite is equipped with polarization switches as required by Section 25.210(a)(3),<sup>6</sup> SES WORLD SKIES is concerned that switching the polarization to conform to the existing license terms could disrupt the operations of the spacecraft. Accordingly, SES WORLD SKIES is seeking authority to operate with the current C-band polarizations.

A potential customer has expressed interest in the use of AMC-2 capacity for a contract that would begin early next year. SES WORLD SKIES seeks extension of its temporary authority to operate the AMC-2 C-band payload and TT&C frequencies without switching the polarization. Grant of the requested extension will serve the public interest by allowing use of AMC-2 C-band capacity to respond to customer requirements.

Full technical information regarding the operations proposed herein will be submitted with the modification application that is being prepared. The operations will be consistent with the interference analysis SES WORLD SKIES previously filed and will conform

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<sup>4</sup> File No. SAT-MOD-20100324-00056, Call Sign S2134 (the “March AMC-2 Modification”), grant-stamped June 21, 2010.

<sup>5</sup> See March AMC-2 Modification, Technical Appendix at 2. In the attached Schedule S, SES WORLD SKIES provided specific polarization information that likewise indicated that the C-band polarizations at 78.95° W.L. would be the opposite of those used at 101° W.L. March AMC-2 Modification, Schedule S, Item S9.

<sup>6</sup> 47 C.F.R. § 25.210(a)(3).

to the terms of existing and future coordination agreements applicable to its operations at the nominal 79° W.L. orbital location.<sup>7</sup>

For the foregoing reasons, SES WORLD SKIES seeks extension of its STA to permit operation of the AMC-2 C-band payload and TT&C frequencies with polarizations that do not conform to the terms of its current license.

Respectfully submitted,

SES AMERICOM, INC.

By: /s/ Daniel C.H. Mah

Of Counsel

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

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

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<sup>7</sup> SES WORLD SKIES notes that the Venesat-1 satellite operates at 78° W.L. under a Uruguayan ITU network filing that is lower in priority than the U.S. ITU filing at the nominal 79° W.L. location.