

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

In the Matter of	)	
	)	
SES AMERICOM, INC.	)	File No. SAT-MOD-_____
	)	Call Sign S2445
Application for Modification of AMC-1	)	
Fixed-Satellite Space Station License	)	

**APPLICATION OF SES AMERICOM, INC.**

SES Americom, Inc. (“SES”) respectfully requests a modification of its license for the AMC-1 C/Ku-band fixed-satellite space station to extend the license term to September 30, 2023. The requested extension will serve the public interest by enabling SES to continue to offer services using AMC-1, thus promoting efficient use of satellite and orbital resources. A completed FCC Form 312 is attached, and SES incorporates by reference the technical information previously provided in support of AMC-1.<sup>1</sup>

AMC-1 is a hybrid C/Ka-band satellite that is located at 130.9° W.L. with a license term that expires June 30, 2021. SES requests an extension of the AMC-1 license term to September 30, 2023. SES has calculated that there is sufficient fuel onboard the AMC-1 spacecraft for the spacecraft to continue providing reliable service during the proposed extended license term and to deorbit the spacecraft consistent with the orbital debris plan the Commission has previously approved for the satellite. In making these calculations, SES has assumed inclined orbit operations at 130.9° W.L. and a stationkeeping tolerance of +/- 0.05 degrees.

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<sup>1</sup> *SES Americom, Inc.*, Call Sign S2445, File Nos. SAT-MOD-20140730-00089May, 28, 2015 and SAT-AMD-20150219-00006

The satellite's overall health is good, with all satellite subsystems functioning nominally. There is no single point of failure in the satellite's design; and there is no problem with the satellite's TT&C links, including the back-up TT&C links. As a result, extending the license term for AMC-1 will serve the public interest by allowing SES to continue to use the spacecraft to provide service to customers, promoting the efficient use of satellite and orbital resources.

For the foregoing reasons, SES seeks a modification of the AMC-1 license to extend the satellite's license term through September 30, 2023.

Respectfully submitted,

SES AMERICOM, INC.

By: /s/ Petra A. Vorwig

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