

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

|                                        |   |                        |
|----------------------------------------|---|------------------------|
| In the Matter of                       | ) |                        |
|                                        | ) |                        |
| SES AMERICOM, INC.                     | ) | File No. SAT-MOD-_____ |
|                                        | ) | Call Sign S2713        |
| Application for Modification of AMC-18 | ) |                        |
| Fixed-Satellite Space Station License  | ) |                        |

**APPLICATION OF SES AMERICOM, INC.**

SES Americom, Inc. (“SES”) respectfully requests a modification of its license for the AMC-18 fixed-satellite space station to extend the satellite’s license term to March 31, 2025. The requested extension will serve the public interest by enabling SES to continue to offer service using AMC-18 at the 83° W.L. orbital location, promoting efficient use of spectrum and orbital resources. A completed FCC Form 312 is attached, and SES incorporates by reference the technical information previously provided in support of AMC-18.<sup>1</sup>

**MODIFICATION**

AMC-18 is a U.S.-licensed C-band satellite operating at 83° W.L. with a license term that expires on January 31, 2022. SES requests an extension of the AMC-18 License term to March 31, 2025. SES has calculated that there is sufficient fuel onboard AMC-18 for the spacecraft to continue providing reliable service during the proposed extended license term and to deorbit the spacecraft consistent with the orbital debris mitigation plan the Commission has previously approved for the satellite.<sup>2</sup> In making these calculations, SES has assumed that

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<sup>1</sup> The most recent technical information regarding AMC-18 is found in File Nos. SAT-MOD-20200615-00074 (“AMC-18 Modification”) & SAT-AMD-20200818-00098, granted Feb. 3, 2021 (“AMC-18 License”).

<sup>2</sup> See AMC-18 Modification, Technical Appendix at 2 & n.1.

standard station keeping maneuvers will be performed to maintain AMC-18 within its existing station keeping tolerance.

The satellite's overall health is good, with all satellite subsystems satisfactorily supporting mission requirements. There is no single point of failure in the satellite's design; and there is no problem with the satellite's Telemetry, Tracking and Command ("TT&C") links, including the back-up TT&C links. As a result, extending the license term for AMC-18 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-18 License to extend the satellite's license term through March 31, 2025.

Respectfully submitted,

SES AMERICOM, INC.

By: /s/ Daniel C.H. Mah

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Dated: December 17, 2021