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By Electronic Filing

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

**Re: SES Americom, Inc. Application for Authority to Relocate and Operate AMC-18,
File No. SAT-LOA-20171221-00174**

Dear Ms. Dortch:

SES Americom, Inc. ("SES"), by its attorney, hereby submits an erratum to the information regarding Telemetry, Tracking and Command ("TT&C") provided in its above-referenced application seeking Commission authority to relocate the AMC-18 C-band satellite to, and operate the satellite at, 139° W.L. (the "AMC-18 Application").¹

Specifically, Section 3.0 of the AMC-18 Application's Technical Appendix did not clearly identify the planned uses of the global horn antenna and communications antennas for TT&C operations. To avoid any misunderstanding, SES is attaching hereto a corrected version of Section 3.0. SES requests that the Commission replace the TT&C portion of the AMC-18 Technical Appendix with the corrected page attached.

¹ See Application of SES Americom, Inc. for Authority to Relocate the AMC-18 C-Band Satellite to, and Operate the Satellite at, 139° W.L., submitted Dec. 21, 2017. SES notes that the AMC-18 Application was assigned file number SAT-LOA-20171221-00174 in IBFS and a new call sign, S3025, was associated with the filing. SES assumes that IBFS will be updated with a file number that begins with the prefix for satellite operating authority, SAT-A/O, and with the satellite's original call sign, S2713.

Please address any questions regarding this matter to the undersigned.

Respectfully submitted,

/s/ Karis A. Hastings

Karis A. Hastings

Counsel for SES Americom, Inc.
karis@satcomlaw.com

Attachment

cc: Stephen Duall
Kathryn Medley

3.0 TT&C frequencies and beams

The telemetry and command subsystem includes an omnidirectional horn antenna system and communications antennas capable of providing telemetry. The horn antenna is used for command signals. SES plans to operate the telemetry carriers through the communications antennas; however, should an unexpected or emergency situation arise, then SES may need to operate the telemetry through the omnidirectional horn antenna for extreme attitude excursions. Table 1 below shows the planned telemetry carrier center frequencies, polarizations, and bandwidths through the communications antennas. Polarizations are switchable.

	Frequency, MHz	Nominal polarization
Beacons/Telemetry (bandwidth: 650 kHz)		
C-band	3700.5	H
	4199.5	V

Table 1: Telemetry Carrier Frequencies and Polarizations through the Communications antennas

Table 2 below shows the TT&C carrier center frequencies, polarizations and bandwidths through the Global Horn antenna. The command polarization is switchable.

	Frequency, MHz	Nominal polarization
Command carriers (bandwidth: 800 kHz, 1.2 MHz capture range)		
C-band	6423.5	H
Beacons/Telemetry (bandwidth: 650 kHz)		
C-band	3700.5	V
	4199.5	V

Table 2: TT&C Carrier Frequencies and Polarizations through the Global Horn antenna